

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME L NUMBER 1

JANUARY 1997



EBARC Meeting

January 10, 1997
7:00 p.m.

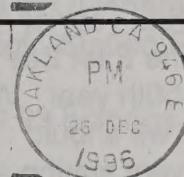
Jim Maxwell, W6CF
"Whatever Happened to Eric Palmer, Jr.?"



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393
El Cerrito, CA 94530



FIRST CLASS MAIL



Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

POSTMASTER:
Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Feb. issue: Jan. 28

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

Message from the President Greg Small, KD6SXH

Welcome to another great year of ham radio. 1997 will mark the East Bay Amateur Radio Club's 50th year. We are soliciting ideas on how we should celebrate. A special event station and anniversary QSL cards have been suggested. Perhaps we could hold a week-long special event, where we attempt to make contact between the club station and every club member, using each member's favorite band and mode. This would include appropriate logging and QSL card exchange. See you at the January meeting.

**EBARC gets \$\$\$ if you renew
your ARRL membership
through our club!**

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The Twelve Days of Christmas (for Hams)

Cheryl Johnson, KF6HEN

On the twelfth day of Christmas,
My radio gave to me,
Twelve thousand watts of power,
Eleven angry neighbors,
Ten lawsuits pending,
Nine Yagis beaming,
Eight hundred feet of coax,
Seven hams DX-ing,
Six birdies chirping,
FIVE GOLDEN HAMS,
Four scratchy words,
Three brand-new friends,
Two spurious bugs,
And a QSO in a pine tree.

Club Station Report

Ralph Hall, W6efd

On Saturday, Dec 21st, we had a work party that was 50% rained out. We were able to relocate the packet equipment and rerun its coax into the closet in the HF room. In doing so, we created a vacancy in the VHF/UHF room, so we spread out the remaining four radios so there's only one at each of the four operating positions. We repaired the bulletin board, which was falling apart. Thanks to all sixteen people who participated. Marion and Cheryl provided lunch for us. We started at 9:30 a.m. and finished about 2 p.m. Several people will do the outside work shortly, weather permitting.

Treasurer's Report

November, 1996

Gordon Parsons, NU6W, Treasurer

NOVEMBER INCOME

New Members: Cheryl Johnson, KF6HEN; Pat Caftel, KF6HEI; John Wood, KF6HFA; Donna Malinousky; Eric Borghesane, KE6YNI;\$100.00
New Family Members: Virginia Summerer, KF6HEX & Bud; Patricia McPeak, KF6HEP & Michael Smith, KF6HEV.....48.00
1997 Membership Renewals: WB6DXZ, KE6HKQ, N6FYH, WA6TNI, W6WTJ, KD6WNM, K6HVU, KC6FAW, N6SPY, KK6UZ, KF6CDX, WD6FRO, KE6ZAO/?, KO6JF, KE6ZWO ..300.00
Family Renewals: KG6FR & family; W6NGE & Eileen; KF6FU & Donna Mae72.00
ARRL Renewal: R. Blohm, KE6ZWO 31.00
Coffee Kitty18.75
Station Fund Can.....8.26
Total November Income\$578.01



Outgoing President Burgie Jones, KE6MSF, with incoming President Greg Small, KD6SXH

NOVEMBER DISBURSEMENTS

Blown Fuse Postage.....	\$37.76
Blown Fuse Printing	45.46
City of Albany (room rental).....	40.00
W6CUS Supplies (R. Hall)	79.99
ARRL Renewal (KE6ZWO)	29.00
Total Nov. Disbursements.....	\$232.21

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$1,129.03
Savings (Station Fund*)	\$1,746.05

*\$429.23 belongs to the General Fund.

Remember to feed the kitty!

General Meeting Minutes

November 8, 1996

John Percival, WI6O, Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:00 p.m. by President Gayle "Burgie" Jones, KE6MSF. This combination meeting and Holiday Party was held at the Albany Senior Center. Burgie introduced the new Club officers for 1997: President Greg Small, KD6SXH; First V.P. David

Brandon, KG6FR; Second V.P. Barbara Grazer, KD6OKJ; Third V.P. Sharon Primbsch, AA6XZ; Treasurer Gordy Parsons, NU6W; and Secretary John Percival, WI6O.

SERVICE AWARDS: Outgoing Second V.P. Roger Nellums, KE6SZG, presented Award Certificates to those who participated in Club Station Work Parties during 1996. He read the names of the 27 certificate recipients and presented the award to those who were present. John Billones, WD6GGC, then presented Roger with a giant poster-size "Unofficial Club Award" certificate as a humorous expression of thanks to Roger for the job well done in producing the Club Station award certificates. Service Award Medals were presented to Secretary John Percival, WI6O, Treasurer Gordon Parsons, NU6W, and to Education Committee Chairman Henry Primbsch, KK6PH.

CLUB STATION: Burgie reported for Club Station Chairman Ralph Hall, W6EFD, that the next work party will be Sat., Dec. 21st.

EDUCATION: Jamie Wasson, AB6WJ, announced that she and Liz Charlton, KO6XP, will teach a Morse Code class early in the new year. She said they will offer both 5 wpm and 13 wpm code speeds. Jamie asked people to contact her if they are interested.

PARTY: Following the "business" meeting the Gift Exchange game was begun with Sharon Primbsch, AA6XZ, providing interpretation of the rules. Sharon introduced this fun and entertaining (at times hilarious!) game to us at last year's Holiday Party. The 47 wrapped gifts brought by participating members and guests provided 80 minutes of fun. (See the December Blown Fuse, page 5, for an explanation.) Stuffed animals again were



Roger, KE6SZG and John, WD6GGC

the most popular items; the green "Singing Frog" was "stolen" at least 17 times! The "survival tool" multipurpose pliers were the second most popular item, having been stolen about 14 times.

Following the refreshment break a drawing was held to give away Ham radio items from the estate of Doug Cain, N6JNK. These were donated to the Club by Doug's wife Peg Cain. There were also prizes donated by Ham Radio Outlet.

To close the evening, Burgie passed the gavel to our new President Greg Small. Harry Bier, WA6TNI, spoke for himself and on behalf of our members to thank Burgie for her fine year of service as President in 1996.

The meeting/party adjourned at 9:45 p.m.

Treasurer's Report

December, 1996

Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

1997 Membership Renewals: N6PIX,
WA6FDF, AB6VB, N6EEG, WD6AKC,
N6AVB, KF6BYF, KC6JCQ, and
KC6QZP \$180.00
Total December Income \$180.00

DECEMBER DISBURSEMENTS

City of Albany (room rental) \$40.00
Blown Fuse Postage 39.36
Blown Fuse Printing 39.40
W6CUS Property Insurance 198.50
W6CUS Gen. Liability Insurance 300.00
AT&T for W6CUS (Nov.) 5.55
AT&T for W6CUS (Dec.) 5.55
Pacific Bell for W6CUS (Nov.) 17.55
Pacific Bell for W6CUS (Dec.) 17.50
Total Dec. Disbursements \$663.41

BANK OF THE WEST ACCOUNTS

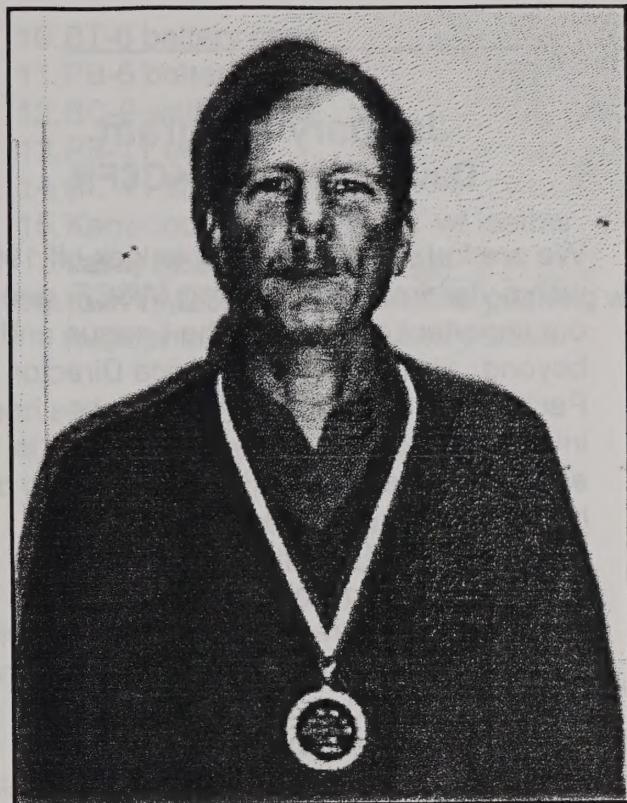
Checking (General Fund) \$1,247.55
Savings (Station Fund*) \$1,144.12

*\$429.23 belongs to the General Fund.

Our 1997 general liability insurance, which is covered by the Cigna Insurance Company, covers us for up to \$2,000,000. The same company covers our station property for \$12,900.

All membership dues should be paid by now, but not everyone has done so. If you haven't, please do so now. This is the club's 50th anniversary year, and we will want to budget for our many activities.

Remember to feed the kitty!



John Percival, WI6O and medal

1997 EBARC Membership Renewal

Name

N T T+ G A E

Call

License Class (circle)

Street

City, State, Zip

Phone (include area code)

ARRL Member? Yes No
Membership Type Regular \$20 Family \$24

Additional family member name, call, and class

January Program

David Brandon, KG6FR

We are fortunate to be able to kick off 1997 with a visit from Jim Maxwell, W6CF, one of our important conduits to the League and beyond. He's currently the Vice Director, Pacific Division of the ARRL. Jim has been involved in ham radio since 1948, and is active on HF as well as VHF/UHF. Two of his interests are DX and the history of radio. Those of us who have heard him speak before know him as an articulate, interesting, well prepared speaker. He will give a presentation on a little known event in the annals of ham radio, and will leave plenty of time for discussion of your concerns. I'm looking forward to Jim's visit.

Program Committee News

David Brandon, KG6FR

At a recent EBARC Board Meeting, it was suggested that the *Blown Fuse* publish an article about each committee of the Club. I am offering this as a contribution from the Program Committee. Committee? Yes, it is the largest committee in the club, about 120 members strong, and, fortunately, there are no meetings. What's more, you are already a member.

Many suggestions for programs come from the general membership, and the participation of Club members in programs is actively encouraged. In addition to suggesting programs and speakers, you can put on a program all by yourself. Another way to participate is to stand up and take one minute to tell us about a recent ham activity. There are a number of themes and programs already in the



Henry Primbsch, KK6PH and medal

planning stage for 1997, including how to comply with recent changes in FCC Regulations and celebrating the 50th anniversary of the Club. Your ideas and participation are welcomed. Please contact me at a meeting or by phone: 559-5783 (work) or 845-9559 (home).

ARES/RACES News

Rich Parker, KD6JCT

There will be a basic ARES/RACES training session, probably in Concord, the 2nd week in January. At press time, the exact date and place aren't known. Call me at 237-2777 if you're interested.

School Club Roundup

David Brandon, KG6FR

Once again we will have a full-fledged HF station in operation at Jefferson School in Berkeley for this annual contest (February 10-14). This time, we hope to make it a permanent setup and continue operations for the remainder of the school year. If any Club member would like to help out with planning the station, the contest, or the continuing operation, please let me know. I'll be working with science Teacher John Poole, KD6URS, on all aspects. Our number one goal is, of course, to enhance the science-related activities at the school. Some of the kids get a real kick out of the activity and we are hoping to produce a few new Novices this year.

Estate Items for Sale

The items below (from the estate of Liz Charlton's dad) are for sale. If you're interested, please contact Liz at 482-2575 evenings or via e-mail: charlton@value.net.

HF Station

1. Kenwood TS430S HF Tranceiver w/ FM430 installed - orig packing & manuals
2. Kenwood AT250 Antenna tuner
3. Kenwood SW2000 SWR & Power meter
4. Kenwood SP230 Communications speaker
5. Kenwood MC60 Table top microphone
6. Kenwood HS-5 Headphones
7. Astron RS35M Power Supply

VHF/UHF Equipment

8. Kenwood TH77A 2m/70cm HT - original packing and hard bound manual
9. Kenwood SMC-33 speaker/mike

10. BT-6 battery case
11. PB-6 battery
12. BC-9 wall charger
13. PB-11 battery
14. BC-11 Quick Charger
15. Kenwood TR2500 2m HT w/ leather case, PB25 battery charger
16. KDK FM2030 2m HT original packing w/ microphone, bracket, battery cable

Packet Station

17. Icom 281H 50 watt tranceiver with mounting/carry board
18. Kantronics Communicator3 TNC w/ cables, manuals, packet radio books
19. TRS80 Model 100 Laptop computer & manual

Miscellaneous

20. Autek MK1 CMOS Keyer 4096 Bit Memory Expander
21. Pace P5453 HF in-line SWR meter
22. Uniden Bearcat Scanner BC200XLT handheld w/ 2 batteries
23. MFJ 411 Personal Morse Code Tutor
24. Archer AM-FM headphone radio
25. MFJ817 2m/70cm X-needle SWR meter
26. Drake DL1000 Dummy Load
27. Midland CB handheld radio
28. Hosiden stereo headphones

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the first 1997 exam is Jan 5th. For more information, contact Allen Smith, AA6UX, (415) 752-8783.

Morse Code Class

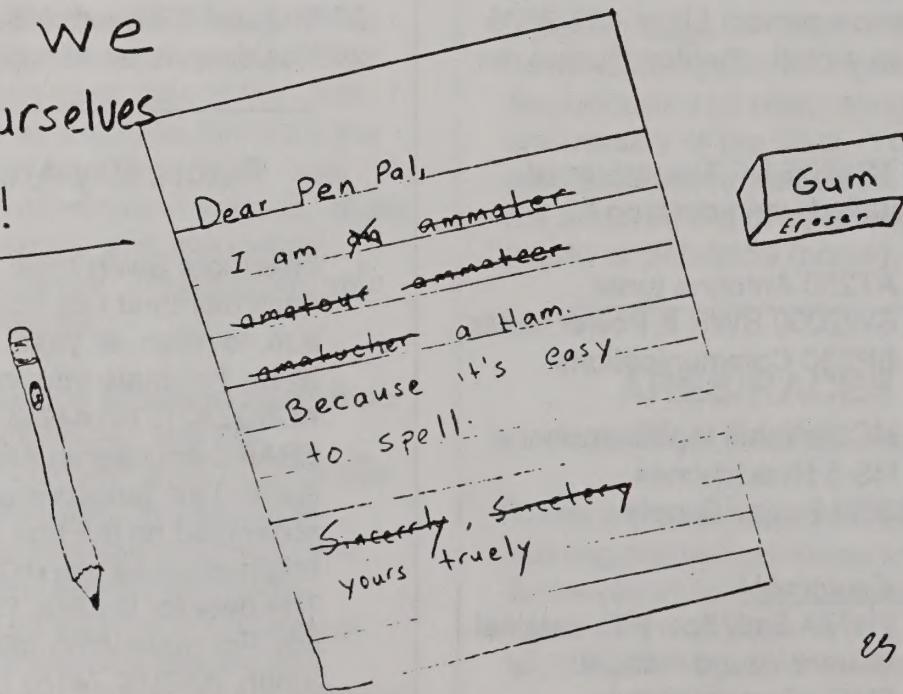
Jamie Wasson, AB6WJ

Liz Charlton, KO6XP, and I will be teaching Morse code classes for 5 wpm and 13 wpm. Classes will begin the last week of January and continue two nights a week through February. The first Sunday following the end of the class, EBARC will be holding its usual ARRL VE test session.

For time and location, call Jamie at work 510-548-0606 (9 a.m. - 5 p.m. M-F). If I already have your name, I will be calling you with this information as soon as we know when and where the class will be.

[Editor's note: Liz and Jamie will probably use fun cartoons to help you remember letters. For the example, the dah-dit-dit for the letter "D", is remembered with the cartoon captioned, "dog did it."]

Why we
call ourselves
Hams!



EBARC Roster Update

- **NEW MEMBER:** Eric Borghesane, KE6YNI, can be reached at P.O. Box 2234, Martinez, CA 94553. Welcome Eric. *[Please call 741-8227 to tell me your phone, license class, & hobbies!]*

⊗ EBARC members send their best wishes to Rachel Lewellen, KB6LHR, for the untimely death of her son, Michael Ray Lewellen, on November 27th. ⊗

Keep Your Batteries Charged!

The cartoon below is by Ed Bear, KE6DVS

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Greg Small KD6SXH, President	(h) 524-4134, (w) 642-5979
David Brandon KG6FR, 1st VP - Program Chair	845-9559
Barbara Grazer KD6OKJ, 2nd VP - Hospitality Chair.....	222-4990
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
John Percival WI6O, Secretary	232-8111
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo	237-2777
Rich's beeper number is:	202-9241
Rich's cell phone number is:.....	301-8038
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair.....	232-0727
Henry Primbsch KK6PH, Education Chair.....	741-8227
Vern Orme AA6YE, Social Committee Chair	233-4504
???, Publicity Chair.....	
Joe Lee WB6DOB, Awards Chair.....	724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees	799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair	799-5221
???, Historian	
Fred Nieman KC6VLL, Member-at-Large	223-1748
Leo Lewis WA6ZFV, Member-at-Large	233-5034
Mel Hurley KC6FAW, Member-at-Large.....	526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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I-880 at 23rd Ave. ramp

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(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa

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(800) 854-6046
Ken, K1ZKM, Mgr.
KDM@HAMRADIO.COM
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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME L NUMBER 2

FEBRUARY 1997



EBARC Meeting

February 14, 1997
7:00 p.m.

Joe Senft, KM6TN & Bob Fajardo, WA6VOI
"USS Pampanito and
Submarine Communications"



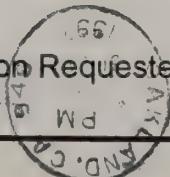
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[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

Message from the President Greg Small, KD6SXH

Hello again. At the February general club meeting there will be an election to fill the 2nd Vice President vacancy. The 2nd VP is the Hospitality Committee Chair, and is responsible for the room facilities and refreshments at meetings. (Expenses are paid for by the "kitty".) The 2nd VP is also a member of the EBARC executive board, which runs the day to day business of the club. The Board meets the first Friday of each month. Board meetings are open to all members of the club. If you'd like to serve, feel free to nominate yourself or have a friend nominate you.

There will be a work party Saturday, February 15th, 9:30 a.m., at the Club Station. If the weather is okay, we will complete repairs on the new beam. A few other tasks will probably be done.

See you at the February meeting!

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General Meeting Minutes

January 10, 1997

Sharon Primbsch, AA6XZ,
Acting Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:31 p.m. by President Greg Small.

Guests: Sharon and Paul Randall, Vicki "Gem" Hillis, John and Karen Rogers, and Dan Kelly.

PROGRAM: David Brandon, KG6FR, reported that next month's meeting will be a report about submarine communications aboard the USS Pampanito.

MEMBERSHIP: Sharon Primbsch, AA6XZ, asked that members call her with updates to their roster information so it will be correct for the printing of the 1997 roster.

SECRETARY: The December general meeting minutes were approved as printed in the *Blown Fuse*.

TREASURER: Gordy Parsons, NU6W, reported that about 60% of the membership has renewed for 1997. He thanked the club for awarding him a medal for 1996.

ARES/RACES: Rich Parker, KD6JCT, reported that there will be a Emergency Coordinators meeting Feb. 1st in Concord. There's a basic training session scheduled for Feb. 15th. There are no RACES forms as before. We must now go to police departments for background checks. Rich will have more information on this issue later.

CLUB STATION: Ralph Hall, W6EFD, had nothing new to report about the club station. He announced that there will be a work party the Saturday after the next general meeting. We need to do some antenna work.

ARRL VE TEST SESSION: Henry Primsch, KK6PH, reported on the amateur radio test session held last Sunday.

EDUCATION: Jamie Wasson described a 5 wpm and 13 wpm that will be held starting late January. Interested people should contact her for details.

TRAFFIC MANAGER: Joe Lee, WB6DOB, volunteered to send HF health and welfare traffic, free of charge, to anyone in the USA or its possessions. Contact him for details.

BADGES & JACKETS: Contact Joe Lee, WB6DOB for ordering badges. Contact Sam Watson, N6VIF, to order club jackets. The price for a jacket is now about \$50.

EBARC / 4Cs COMMITTEE: Harry Bier, WA6TNI, Chair of this committee, said that

the group will meet again next Sunday at 9 a.m., at the Baker's Square restaurant in Richmond. David Brandon is preparing a list of EBARC's activities, which will also be published in February's *Blown Fuse*.

PRESIDENT: Greg Small, KD6SXH, reported that this is probably EBARC's 50th year. He said we're now looking for the date when EBARC started. We're also looking for a historian. Greg requested memories, written materials, and pictures related to EBARC's history. We'll probably design a commemorative QSL card, and hold a special anniversary event.

2ND VICE PRESIDENT: Barbara Grazer, KD6OKJ, cannot serve as the 1997 2nd VP due to career commitments. There will be nominations and an election for her replacement at the February general meeting. The 2nd VP is also the chair of the refreshment committee.

FIELD DAY: EBARC will participate in Field Day in 1997. The club is open for suggestions as to site, activities, etc. Contact Ray Gillett for details and ideas.

MINI-PRESENTATION: Bob Blohm, KE6ZWO, showed a clever way to use a metal bookend as an easel for your HT.

PRESENTATION: After a break for refreshments, David Brandon, KG6FR, introduced the speaker. Jim Maxwell, W6CF, is the Vice Director of the Pacific Division of ARRL. He's been a ham since 1948, and is interested in the history of ham radio. He made a presentation entitled, "Whatever Happened to Eric Palmer, Jr.?" He also gave us an update on the FCC's new RF safety regulations, which have now been delayed one year until January 1, 1998.

The meeting adjourned at 9:37 p.m.

1997 EBARC Membership Renewal

Name _____

Call _____ N T T+ G A E
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? Yes No
Membership Type Regular \$20 Family \$24

Additional family member name, call, and class

February Program David Brandon, KG6FR

Joe Senft, KM6TN, and Bob Fajardo, WA6VOI, will talk to us this month about "USS Pampanito & Submarine Communications". I urge all hams, prospective hams, and their friends to avail themselves of the opportunity to hear the fascinating story of the USS Pampanito and her operations in World War II. Although special emphasis will be placed on submarine communications, we will get a complete guided tour via slides by KM6TN, who served on the Pampanito's sister ship, the USS Threadfin. Joe and Bob are active in operating the ham station aboard ship, which is berthed at Pier 45, as part of the National Maritime Museum in San Francisco. They have a brand new set of slides and are enthusiastic about sharing their experiences with the Club.

What is EBARC? David Brandon, KG6FR

A committee of EBARC and Contra Costa Communications Club (4Cs) members is studying both clubs. The purpose is to report back to both memberships the issues that must be considered if the two clubs were to join together as one organization. At the Jan. 3rd EBARC Board Meeting, we had a brainstorming session to identify things of interest about EBARC to report to this committee. Below is part of that list.

Organization: Most Club business is conducted by the Executive Board, which meets monthly. Six officers are each elected annually by the general membership. Officers are; President, 1st VP (Program Chair), 2nd VP (Hospitality Chair), 3rd VP (Membership Chair), Secretary, and Treasurer. About 6-8 other Board members are appointed (e.g., digital committee chair). The Club is ARRL-affiliated, and was formed in 1947.

Membership: EBARC is open to anyone interested in amateur radio. There are currently about 120 members, 40-50 of whom attend each general meeting. Over half of EBARC's members are also 4Cs members. Almost all live in northern Alameda or west Contra Costa counties. All classes of amateur licenses and ham radio interests are represented.

Finances: Annual dues are \$20 for individuals, \$24 for a family. Additional fundraising activities include monthly raffles and occasional crab feeds. Funds are held as station and general accounts.

Club Radio Station: W6CUS is located at Richmond Red Cross. The station is open to all members in good standing, after training. The station is fully equipped, including 2 HF and 7 VHF/UHF rigs, packet

BBS, computers, and antennas. There are additional resources stored for emergency deployment, including a generator and additional antennas, cables, and accessories.

Activities:

- Publishes a monthly newsletter, *The Blown Fuse*.
- Holds monthly meetings, including a program, usually a speaker on a ham radio topic.
- Supports member activities in all aspects of ham radio, including DX and CW.
- Sponsors a VE testing team.
- Has *Memo Of Understanding* with Red Cross.
- Supports ARES (especially West County ARES).
- Participates in disaster preparedness and emergency services, including communications assistance for the Red Cross.
- Provides public event communication support (e.g., charity bicycle races).
- Provides operators for RACES stations in several cities, hospitals, police and fire departments.
- Participates in Field Day with emergency-powered field operation.
- Participates in National Traffic System (Traffic Manager).
- Operates Special Event Stations.
- Conducts ham classes.
- Elmers prospective hams and new hams.
- Supports and sponsors school activities, including on-site operations and SAREX.
- Helps resolve RFI problems.
- Participates in the FCC Official Observer Program.
- Holds work parties to maintain and improve Club station, W6CUS.
- Gives annual and special awards to members.

- Holds social activities including picnics, parties, and T-hunts.
- Has club badges and jackets, which many members choose to wear to activities.
- Participates in contests and special activities such as World Radiosport Team Competition.

As you can see, we are a very busy club with a variety of interests!

ARES/RACES News

Rich Parker, KD6JCT

There will be an ARES/RACES basic training session on Saturday, February 15th, from 8 a.m. until noon. It will be held at the Martinez City Hall, 525 Henrietta. Call me at 237-2777 if you're interested.

Check Your Stuff, Please!

If you have any QST magazines from 1945 through 1950, please tell any Board Member right away. We are looking for references to EBARC in the "Section News." Also, tell us if you have any information, especially written materials or photographs, about EBARC's early days. We are trying to verify the date of EBARC's creation and to collect historical materials in a Club archive.

EBARC still needs an Historian, especially in this, our 50th year. If you're interested, please volunteer!

Joe Lee has two EBARC golf shirts for sale. One is size XXL (\$12). The other is size M (\$10). The price is reduced because both have names improperly embroidered. The names can be covered by a badge.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Mar. 2nd. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more information, contact Henry or Sharon Primbsch at (510) 741-8227.

Morse Code Class

Liz Charlton, KO6XP, and Jamie Wasson, AB6WJ, are teaching Morse code classes for 5 wpm and 13 wpm. Classes started January 27th and will continue Monday and Wednesday nights through February 26th. Classes will end in time for EBARC's usual ARRL VE test session March 2nd.

If you'd like to join the class, call Jamie at work 510-548-0606 (9 a.m. - 5 p.m. M-F) or at home 510-482-2575 for more info. If space is available for you, She'll tell you how to find the location and about several items you'll need to bring with you.

Check the front of this issue of *The Blown Fuse*. If it has a nasty red sticker on it, this is the last issue you'll receive unless you renew for 1997 immediately! Rosters will be printed and mailed next month. If you think you have paid your dues, but you have the nasty red sticker, call Gordy Parsons at 785-4290 to verify your membership status.

EBARC Roster Update

- **LICENSE EARNED:** Adah Fryman has earned her Technician license. Her call sign is KF6IHW. Congratulations!
- **NEW CALL SIGN:** Charles Fraits, formerly N6FYH, has a new vanity call sign, K6HAR, formerly held by his dad.
- **MORE INFO:** Eric Borghesiani, KE6YNI, has a Technician license. His phone is 510-228-7797. He works for the Pinole Police department.
- **BACK IN TOWN:** Steve Dodge, K6ZR, has moved to 5601 Doremus Ave., Richmond, CA 94805. His phone is 510-223-5833. Welcome back!

EBARC life member Don Dunn, K6BJJ, had a multiple bypass recently and is recovering. We wish him well.

Congratulations to Rich Parker, KD6JCT, and his fiance, Theresa Magtunao. They will be married February 22nd at the Valley Baptist Church in San Rafael.

Ham Fleamarket Terms (with English Translations)

The transmitter is outstanding.
(It doesn't receive.)

The receiver is really hot.
(It doesn't transmit.)

This rig is really hot.
(It's stolen.)

I plugged it in to check that it lights up.
(The light came from the flames.)

It comes with the original box.
(Just brush out the kitty litter.)

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Greg Small KD6SXH, President	(h) 524-4134, (w) 642-5979
David Brandon KG6FR, 1st VP - Program Chair	845-9559
???, 2nd VP - Hospitality Chair	
Sharon Primsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
John Percival WI6O, Secretary	232-8111
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo	237-2777
Rich's beeper number is:	202-9241
Rich's cell phone number is:	301-8038
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair	232-0727
Henry Primsch KK6PH, Education Chair	741-8227
Vern Orme AA6YE, Social Committee Chair	233-4504
???, Publicity Chair	
Joe Lee WB6DOB, Awards Chair	724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees	799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair	799-5221
???, Historian	
Fred Nieman KC6VLL, Member-at-Large	223-1748
Leo Lewis WA6ZVF, Member-at-Large	233-5034
Mel Hurley KC6FAW, Member-at-Large	526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE



CLUB STATION W6CUS

VOLUME L NUMBER 3

MARCH 1997



EBARC Meeting

March 14, 1997
7:00 p.m.

Mark Keiser, N4OGL
"1997 Baker to Vegas
Challenge Cup Relay Race"



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530



FIRST CLASS MAIL



Ronald A. Smith, KE6HKQ
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primsch, AA6XZ

Deadline for Apr. issue: Mar. 25

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

Message from the President Greg Small, KD6SXH

Hello again. It looks as if we really are in our 50th year. Bob Hughes, N6SPY, searched his old QSTs and found the announcement of our ARRL affiliation as the "East Bay Radio Club" on Jan. 20th, 1948, and the assigning of the club call sign, W6CUS, in July of 1948. The group that founded us was referred to as the "El Cerrito Gang," so apparently we can claim existence back in 1947. We need someone to volunteer as club Historian. This person would lead the effort to follow up on our founding date, and then to organize the club's collection of old rosters and other records. The Historian is also a member of the Executive Board. Please contact me if you'd like to volunteer.

Congratulations to Marion Millar, KF6BYM, on her election to 2nd Vice President and Chair of the Hospitality Committee. Thanks to Burgie Jones, KE6MSF, for accepting an

appointment as Member-at-Large to the Executive Board. John Percival, WI6O, has moved and resigned as Secretary. We thank him for his twelve years of secretarial and SSB Field Day service to the club. We'll elect a new Secretary at the March meeting. The club Secretary is responsible for taking minutes at Executive Board and General meetings, and for carrying out club correspondence.

I'll see you at the March meeting.

Club Station Report Ralph Hall, W6EFD

The work party on Feb. 15th was a great success. The crank-up tower was lowered, the 10M beam reflector was installed, and the tower was put back into service. A 2M Discone antenna, donated by the estate of Doug Cain, was installed on the roof for use by a Red Cross radio. Several antennas were relocated. Stepping stones were raised AGA/N (Burgie was not in charge this time!). Hangers were installed at each operating position to support headphones. Mel Hurley, KC6FAW, paid for the material and labor to put a roof over the entry door. (This is yet another of Mel's many contributions to the club.) There's now a different computer, monitor, and TNC running the W6CUS packet bulletin board station. Fred Nieman, KC6VLL; Mike Fahmie, WA6ZTY; Greg Small, KD6SXH; and Henry Primsch, KK6PH; worked on the packet station. Other people who helped during the day were Burgie Jones, KE6MSF; Kevin Jones, KE6VQI; Roger Nelums, KE6SZG; "Plywood" Mike Ferris, KF6CDX; Bob Szentimrey, W6WTJ; Stanton Gleason, KD6SWU; Cheryl Johnson, KF6HEN; Marion Millar, KF6BYN; Peter Millar, KF6BYM; and Vivian Millar (club mascot).

General Meeting Minutes

February 14, 1997

Sharon Primbsch, AA6XZ, Acting Secretary

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:39 p.m. by President Greg Small. Visitors present were "Gem", Bob (WA6VOI), Joe (KM6TN), Elena (KA6VEU), Marion, Virginia, and Theresa.

HISTORIAN: Greg reported that at the February EBARC Board meeting, several historical documents were examined. The East Bay Radio Club, was recognized by the ARRL on Jan. 20, 1948, comprised of the "El Cerrito Gang." Therefore, we are in our 50th year. We still need a historian.

PROGRAM: David Brandon, KG6FR, thanked several helpers of the School Club Roundup at Jefferson School (Gerald White, WB6IZE for everything on the roof, and Ron Smith, for operating). There were several 20M and 2M repeater contacts.

MEMBERSHIP: Sharon Primbsch, AA6XZ, asked again that members call her with updates to their roster information so the 1997 roster will be correct.

SECRETARY: The January general meeting minutes were approved as printed in the *Blown Fuse*. John Percival announced that he will be moving to Simi Valley, and is reluctantly resigning as Secretary. (John has been Secretary since 1985.) President Greg announced that a new Secretary will be elected at the March general meeting.

TREASURER: Gordy Parsons, NU6W, reported the income, disbursements, and bank balances for January. David Brandon reminded members to renew ARRL

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

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memberships through EBARC. It costs members the same amount, and the club keeps \$2 of the fee.

CLUB STATION: Roger Nelums reported for Ralph Hall, that there will be a work party at the club station tomorrow morning at 9:30 a.m. Rich (Dr. Hurley's helper) will be putting a roof over the entry door. There's some exterior antenna work to be done, and some stepping stone work. There will also be some inside tasks.

ARES/RACES: Rich Parker, KD6JCT, reported that there will be a traffic handling class in Richmond sponsored by the Civil Air Patrol. Their net is Monday, Wednesday, & Friday at 9 p.m. local time. It's a good way to learn about traffic handling protocols.

EDUCATION: Henry Primbsch, KK6PH, reported that the CW class given by Jamie

Wasson and Liz Charlton has about 15 5-wpm students and 15 13-wpm students.

SOCIAL COMMITTEE: Vern Orme announced that his committee has two helpers; Roger Nelums, and Burgie Jones. The group celebrated members' February birthdays. Gerry White, & John Billiones each got a gag coffee mug. Gerry White demonstrated how you can send an audio "CQ" with a gas ionizer globe appliance. The committee also honored four EBARC Valentine's Day sweethearts with small gifts; Molly Hall, Martha Hurley, Robin Fraatz, and John Billiones.

FIELD DAY: Ray Gillett, KF6FU, described Field Day for newer members. It will be held the weekend of June 28th this year. We'll show a videotape of Field Day at a general meeting soon.

RED CROSS: Leo Lewis said that Stanton Gleason will be the contact for people who want to participate in "CPR Saturday". Details will be in the March *Blown Fuse*. Roger Nelums publicly thanked Leo Lewis and Rachel Lewellen for all their work with Red Cross flood relief.

EBARC / 4Cs COMMITTEE: Harry Bier, WA6TNI, Chair of this committee, said that the group has made a decision. It will be announced to the presidents of both clubs and published in both newsletters.

ELECTION OF 2ND VICE PRESIDENT: Harry Bier nominated Marion Millar, KF6BYM, as 1997 2nd VP to replace Barbara Grazer. Sharon Primsch seconded the motion. Gerry White moved that the nominations be closed (which was seconded by Harry Bier). Marion was thus unanimously elected.

EBARC's WEB PAGE: If you'd like your e-mail address to be on EBARC's World

Wide Web page, see Ed Bear, KE6DVS.

PRESENTATION: After a break for refreshments, David Brandon, KG6FR, introduced the speakers. Joe Senft, KM6TN, and Bob Fajardo, WA6VOI, talked to us about the USS Pampanito, its role in WWII, the efforts to preserve her, and about submarine communications. EBARC members can learn more by visiting the Maritime Museum Association's WEB page, *maritime.org*. If you'd like to operate ham radio from the ship (the Pampanito Radio Club, NJ6VT), call ahead to 415-441-5819.

The meeting adjourned at 9:44 p.m.

March Program

David Brandon, KG6FR

This month our speaker will be Mark Keiser, N4OGL, East Bay Section Emergency Coordinator, ARRL. He will talk to us about the "Baker to Vegas Challenge Cup Relay Race." [See Mark's article, *elsewhere - Ed.*] There is massive ham radio support for this race, which involves law enforcement agencies from all over California. Videotape from previous events will be shown. You may wish to participate this year.

Training for the communications support will be held soon. One session is March 16th 9 a.m. to 1 p.m., site to be announced. Other sessions are March 22nd and 29th at the Fremont Fire Station #4, from 9 a.m. to 1 p.m. Sessions will cover net control, desert survival, and APRS. This training should be of general value. You are invited to attend a training session, even if you will not be participating in the race. The World Wide Web site for this event is <http://ttt.tio.net/~zonker/b2vhq.html>. Additional information will be available at the meeting, but with little lead time. If you

want more information, contact Mark at home; (510) 792-1661 or at work; (408) 526-7491.

Treasurer's Report

January, 1997

Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

New Members: Tumurbaktar Togtokh, KF6EIJ; Mike Bigelow, KF6HEH	\$40.00
New Family Members: John Rogers, KF6CWR, and Karyn Rogers, KF6HGL	24.00
1997 Renewals: KE6NMJ, N6WVR, NU6W, KE6ZFP, AA6YE, KB6WC, AC6WF, N6VIF, WB6PIV, KC6SAE, KE6EUA, KD6AGA, N6IIW, K3MHD, KE6ZWQ, WA6ODB.....	320.00
Family Renewals: Phil Saxton, N6ASB and Marjorie	24.00
Receipts from N6JNK sales	20.00
Station Fund Can.....	3.00
Coffee Kitty	27.48
Raffle Ticket Sales.....	50.00
Total January Income.....	\$508.48

JANUARY DISBURSEMENTS

Blown Fuse Printing.....	\$47.85
Blown Fuse Postage	40.64
Xmas Party (G. Jones).....	23.22
W6CUS Headsets (R. Hall)	94.90
City of Albany (room rental).....	40.00
Pacific Bell (W6CUS).....	17.68
AT&T (W6CUS)	5.55
Total Jan. Disbursements.....	\$269.84

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$1,528.09
Savings (Station Fund*).....	\$1,102.27

*\$429.23 belongs to the General Fund.

Remember to feed the kitty!

Baker to Vegas Relay Race

Mark Keiser, N4OGL

We'd like to extend a warm invitation to EBARC to participate in the "Baker to Vegas Challenge Cup Relay Race" for 1997. Held April 11-15, 1997, this is a 120 mile marathon-style foot race through California's Death Valley. Entrants are members of police and other law enforcement agencies, estimated at more than 9,000 people--quite different from most public service events you've worked!

This year, the amateurs from the East Bay section will be supporting the running teams of the Fremont Police Department, the Alameda County Sheriff's Office, the FBI-San Francisco Field Office, and the Stockton Police Department. We will utilize three networked repeater sites, as well as develop a network that will conquer mountain ranges and a race course that goes from 125' elevation to over 5,000' at Mountain Springs. Our recent efforts have been described in the March 1996 QST.

Some information about what we've done so far is available on our Web sites (see below), which is also where you can go to volunteer. Last year we needed 68 hams to help us along. This year that number of essential operator positions nears 100. Participating hams are certain to have more fun, and be more challenged, than ever before in this hobby. All you need is a handheld and room reservations, and we'll handle the rest.

We look forward to seeing you in Death Valley this spring!

Web Pages for Planning

Staffing And Planning

<http://semo.tio.net/~zonker/b2vjobs.html>

Equipment Needs and Training

<http://semo.tio.net/~zonker/b2v97.html>

Cable and Wiring Standards

<http://semo.tio.net/~zonker/overview.html>

Tracker Packaging Standards

<http://semo.tio.net/~zonker/aprspkg.html>

Technical Training Sessions

<http://semo.tio.net/~zonker/clues.html>

FTP Site for Meeting Information

<ftp://ftp.wco.com/users/n4ogl/Baker-to-Vegas-Info>

School Club Roundup

David Brandon, KG6FR

Once again, we set up a station in the library at Jefferson School in Berkeley. On Monday, Feb. 10, Science Teacher John Poole, KD6URS, and I set up the Windom-type antenna graciously loaned by Gerry White, WB6IZE. Gerry loaned tripods and feed line, plus a 2-meter J-pole as well. Operations were conducted for several hours on Tuesday, Wednesday, and Thursday, with various 1st - 5th grade classes getting a brief talk on ham radio. Most classes got to share in a QSO. We spoke to about 20 stations in 11 states and 2 Canadian provinces, including 7 other school groups. We were pleased to speak to several student operators, such as Derek at Sterling Middle School in Colorado. Harvey, WA6HWQ, kept us guessing what state he was in as he was mobile near the Nebraska/Wyoming state line. We had numbers of FB contacts via the 511 repeater, including an operator checking out antenna gear atop the UCSF Medical Center. While these did not count toward contest points, they provided very good contacts, easy for the groups to understand. Pat, KD6APA, provided nice conversations from Rodeo, and we helped get his mind off his recovery from back surgery. We also worked him on 80

meters. Most of the time we were on 20M, but there was lots of QSB, even when we thought we finally had a good strong signal to listen to. Ron Smith, KE6HKQ, worked us on Tuesday and delivered his QSL during an eyeball QSO on Wednesday. Gerry's help was again appreciated when he stopped by Thursday, in time to dismantle our field-day-on-the-roof antenna farm.

CPR Saturday

Stanton Gleason, KD6SWU

The American Red Cross is holding CPR classes Saturday, Marth 15th on the Contra Costa College campus, near the cafeteria. There are three sessions; starting at 9 a.m., 11 a.m., and 1 p.m. The event ends at 4 p.m. We need a few VHF/UHF operators (coverage from 8:30 a.m. through 5 p.m.). Call me at 724-0564 if you're interested in volunteering and/or in learning CPR. You will be getting your CPR certificate if you participate in the class.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Mar. 2nd. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more information, contact Henry or Sharon Primsch at (510) 741-8227.

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Greg Small KD6SXH, President	(h) 524-4134, (w) 642-5979
David Brandon KG6FR, 1st VP - Program Chair	845-9559
Marion Millar, KF6BYM, 2nd VP - Hospitality Chair.....	526-0856
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
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Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo.	237-2777
Rich's beeper number is:	202-9241
Rich's cell phone number is:.....	301-8038
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Mel Hurley KC6FAW, Member-at-Large.....	526-2868
"Burgie" Jones, KE6MSF, Member-at-Large	222-3672

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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CLUB STATION W6CUS

VOLUME L NUMBER 4

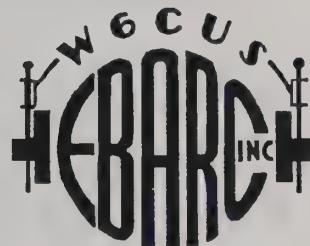
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EBARC Meeting

April 11, 1997
7:00 p.m.

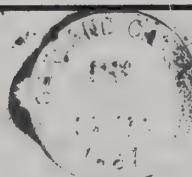
Dr. Robert Smithwick, W6JZU
Tom McShane, NW6P
"MediShare International's Humanitarianism"



The East Bay Amateur Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393
El Cerrito, CA 94530



FIRST CLASS MAIL



Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Apr. 22

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

Huh!? What's Happening!?

Sharon Primbsch, *Blown Fuse* editor
Barbara Grazer, *Communicator* editor

If you're a Contra Costa Communications Club (4Cs) member, and not also a member of the East Bay Amateur Radio Club (EBARC), you'll receive three issues of *The Blown Fuse*, starting with this one. EBARC-only members will receive three issues of *The Communicator*, the 4Cs newsletter. This newsletter exchange is part of a plan approved by members of EBARC and of 4Cs as a way for members of both groups to get to know each other better. See the "Merger" article, below.

4Cs/EBARC Merger Study

[Below is the text of a letter sent to both clubs by the 4Cs/EBARC Merger Committee - Editor.]

The committee on the study and feasibility of merging the Contra Costa Communications Club and the East Bay Amateur Radio Club has come to a consensus after a series of meetings.

The possible advantages versus the disadvantages were discussed, such as meeting room, dues, meeting day, publications, gain/loss of membership, income, members' attitudes and reactions, club purpose, constitutions, by-laws, meeting programs, stations, repeaters, treasuries, officers, etc.

The consensus of the committee is that at present the disadvantages of such a merger outweigh the advantages. The committee therefore recommends *against* such a merger at this time, but with some interesting suggestions. All the members present felt enthusiastically about holding our social events (picnics, Christmas party, etc.) as *joint functions*. The committee further suggests that for a trial period of three months the clubs have a *joint mailing* of their publications. This would give all members of both clubs an overview of the activities and happenings of each club, as well as offering good opportunities for everyone to get acquainted and have fun together.

This was a serious and devoted committee, and I thank you for the opportunity to serve with them. I hope these suggestions will be of value.

Sincerely yours, Harry Bier WA6TNI
Committee for CCCC:

Stan Clark, KB6SEI
Don Spurlock, KB6BMW
Richard Foster, N7QMK

Committee for EBARC:

Bob Uhrhammer, WB6VEX
David Brandon, KG6FR
Peter Gaposkin, KB6WC

Message from the President Greg Small, KD6SXH

Hello again. Welcome to 4Cs members, who will be joining us in this newsletter for a few months. We are planning a joint spaghetti feed, for both 4Cs and EBARC members, for about the middle of May, probably Saturday, the 17th. The location is unknown, but might be the park outside the Club Station. Watch *The Blown Fuse* and the *Communicator* for more information. See you at the April meeting. 4Cs members are invited to join us!

Warning: Ham Pox Epidemic!

This disease is very contagious to all ages. The symptoms are as follows: continual complaint about needing more time for hobbies and relaxation; patient has blank expression and is sometimes deaf to everyone except others with same disease; mumbles to self; may be overheard singing "dit dit dah dah dit dit"; frequent checking of ham radio catalogs and magazines; secret night phone calls to ham pals. NO KNOWN CURE! Treatment: medication is useless. Disease is not fatal. Victim should indulge deeply in ham radio as often as possible. [by "Dr." Ray Gillett, KF6FU]

Stretch Those Cables!

There's an excellent article in the latest QST on conditioning coaxial cable before using it. The article is on page 44. They left out the reason for the shield alignment procedure, so here it is. The outer shield is composed of a weave of strands of wire with a right hand twist and strands with a left hand twist. It is very important that the currents on the right hand twist exactly balance the currents on the left hand twist.

Otherwise the unbalance results in the shield radiating some of the signal instead of all of it going to the antenna. Stretching the cable forces the right hand and left hand strands into alignment and therefore improves the shielding. Cables with the "LIRPA LOOF" label are prestretched at the factory and don't need this treatment. [by Henry Primbsch, KK6PH]

Looking Back Ron Smith, KE6HKQ, Historian

The "El Cerrito Gang" formed a new club on Jan. 20th, known as the "East Bay Radio Club." The following are officers: CTL, Pres.; QUL, Vice-Pres.; KEK, Secy.; JK, Treas. Meetings are held 1st and 3rd Fri. of each month at 8 p.m. at the El Cerrito Pre-School, Norvell St. and Fink Lane. [from p. 98 of the May 1948 QST. Every California call sign had a W6 preface in 1948. "CTL" is W. G. Hurd. "KEK" is Frank W. Torchia.]

QSL & Patch Design Contest

You'll earn a one-year free extension of your EBARC membership if your design is chosen! The design should commemorate EBARC's 50th year, and should be suitable for both a sewn patch and as an element of a QSL card. Time's a wastin'! If you're looking for ideas, check out QRZ's QSL card collection at <http://www.qrz.com>. Put on your "creative cap", and submit your designs to David Brandon by May 1st. The winner will be announced at the May General meeting.

**Siln in when you visit the Club Station,
and set the alarm properly when you leave.**

Club Station Report

Ralph Hall, W6EFD

There will be a small (3-4 people) work party Saturday, Apr. 12th, 9:30 a.m. at the Club Station. The project involves wiring the club's emergency generator into the station's wiring system.

EBARC Classes

Henry Primbsch, KK6PH

Many thanks to Jamie, AB6WJ, and Liz, KO6XP, for the excellent code class. I don't know how many of the students from that class came to the test session on March 2nd, but everyone who came to the session passed the code test, and most got an upgrade. Good work guys!! Because of my work schedule for the rest of this year, we are looking for volunteers to teach nov-tech and/or gen-adv upgrade classes.

General Meeting Minutes

March 14, 1997

Sharon Primbsch, AA6XZ

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:39 p.m. by President Greg Small, who announced the appointment of Ron Smith, KE6HKQ, as EBARC Historian.

PROGRAM: David Brandon, KG6FR, reported that at April's meeting, Metashare International will make a presentation. In May, there will be projects and short presentations by members, plus a discussion of our upcoming Field Day.

EBARC VOLUNTEER EXAMINERS: Henry Primbsch, KK6PH, reported that 17 people took exams at the last ARRL-VE session.

TREASURER: Gordy Parsons, NU6W, reported totals from the February

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Treasurers report. [The entire report is in this April issue.- Editor]

BADGES: See Joe Lee, W6DOB, if you wish to order a badge. He also has two improperly embroidered shirts to sell.

GRIZZLY PEAK BIKE RACE: Sam Watson, N6VIF, announced that we need 20-22 operators for this May 3rd race. The race hours are 6 a.m. to 7 p.m., but hams can work in shifts.

CLUB STATION: Ralph Hall, W6EFD, reported that the club station is in good health. He urged members to get checked out on the equipment and building so they can get their access key.

HISTORIAN: Ron Smith, KE6HKQ, said he'd look at the historic materials collected so far, and will put out a call for missing information.

MEMBERSHIP: Sharon Primbsch, AA6XZ, asked for roster changes.

SOCIAL COMMITTEE: Chair Vern Orme, AA6YE, celebrated members' March birthdays.

4Cs/EBARC MERGER COMMITTEE: Chair Harry Bier, WA6TNI, read the committee's letter [published in this issue]. He said that the 4Cs members approved its recommendations at their last general meeting. The first social event will be the spaghetti feed. President Greg thanked the committee for its work. [At press time, the clubs have 52 members in common. There are 65 EBARC-only members and 110 4Cs-only members. - Editor.]

MULTIPLE SCLEROSIS WALK: Robin Fraatz, KE6MRH, announced the April 13th MS Walk. Oakland ARES helped with communications last year. See Robin if you're interested in walking or helping.

PRESENTATION: After a refreshment break, David Brandon introduced speaker Mark Keiser, N4OGL. Mark talked to us about the upcoming 1997 "Baker to Vegas Challenge Cup Relay Race", to be run by peace officers, and supported by hams. Gerry White, WB6IZE, brought and operated the video equipment.

MINUTES: The February General meeting minutes were approved as printed in *The Blown Fuse*.

SECRETARY ELECTION: Sharon, AA6XZ, nominated Gayle "Burgie" Jones, KE6MSF, for EBARC secretary. The motion was seconded by Harry Bier, WA6TNI, and Burgie was elected by acclamation. Burgie complimented John Percival on his excellent, previous work as Secretary.

SPAGHETTI FEED: There was a discussion of when, where, and how to hold the EBARC/4Cs spaghetti feed. It was moved by Harry Bier, WA6TNI, and seconded by Gerry White, WB6IZE, that EBARC sponsor the feed, and that we appoint a committee to do it. The motion passed. Committee chair, Cheryl Johnson,

KF6HEN, was appointed. Committee members are Charlie Haller, KE6ZWX; Sam Watson, N6VIF; Adah Fryman, KF6IHW; Burgie Jones, KE6MSF; and Marion Millar, KF6BYM.

QSL CARD AND 50th YEAR PATCH DESIGN CONTEST: There was a discussion of resurrecting the QSL card design, with suggestions that the design should be usable on both a QSL card and a patch and that it commemorate EBARC's 50th year. Bob Blohm, KE6ZWO, moved that the person who wins the QSL/ patch/ 50th year design get a one-year free EBARC membership. The motion was seconded by Sam Watson, N6VIF, and passed. The winner will be chosen at the May EBARC Board meeting.

The meeting adjourned at 9:26 p.m. for the raffle.

WANTED

If you have a grid dip meter to sell, contact Joe Lee, W6DOB, at 724-0533. It must be complete with case, manual, and all coils.

FOR SALE

Kenwood TS 940S transceiver & MC60 microphone; Kenwood TL 922A linear; HyGain Explorer I4 antenna; Ham IV rotor; Daiwa SWR power meter; Nye Viking KW match box; Kenwood SP 930 speaker; Nye Viking 2 KW filter; 1000 watt dummy load; AEA comp [phone?] patch; Commodore 64 1 MBA_TOR software; Several feet of coax. Asking price is \$2600. Contact Marcello Kersevan, KG6UK, 510-686-5490.

EBARC's 50th Year!

Treasurer's Report
February, 1997
Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

1997 Renewals: KE6DVS, WI6O, KG6FR,	
KC6SOG, N6LFW, N6JCQ,	\$120.00
ARRL Renewals: KC6JCQ, KG6FR...	56.00
Station Fund Can.....	9.01
Coffee Kitty	23.95
Raffle Ticket Sales.....	<u>62.00</u>
Total February Income	\$270.96

FEBRUARY DISBURSEMENTS

Certificates (D. Brandon)	\$8.61
City of Albany (room rental).....	40.00
Post Office Box Rental.....	40.00
Blown Fuse Postage.....	41.60
Blown Fuse Printing.....	39.40
Rubber Stamp.....	7.18
Pacific Bell (W6CUS).....	18.16
ARRL Renewals (KC6JCQ, KG6FR) .	<u>52.00</u>
Total Feb. Disbursements	\$246.95

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$1,543.09
Savings (Station Fund*).....	\$1,111.28

*\$429.23 belongs to the General Fund.

Everyone's dues should have been paid by now. If you haven't paid, you are no longer receiving *The Blown Fuse*, and your name isn't on the 1997 Roster.

Remember to feed the kitty!

EBARC Roster Update

- **UPGRADE:** Frank Bianchi, KE6EUA, upgraded to General class last year.
- **UPGRADE:** Calvin Steimetz, KD6WNM, upgraded to General class Sept. 1st.
- **UPGRADES TO TECH PLUS:** The following members upgraded to Tech

Plus on Feb. 2nd: Cheryl Johnson, KF6HEN; Ginny Summerer, KF6HEX; John Wood, KF6HFA; and Donna Malinousky, KF6IYP.

- **UPGRADES TO GENERAL:** The following members upgraded to General on Feb. 2nd: Ken Horne, KE6ZWN; Greg Small, KD6SXH; and Bob Blohm, KE6ZWO.
- **NEW MEMBER:** Mark Nowell, KE6OFP, holds a General class license, and is interested in Packet, TCP/IP, astronomy, and computers. He lives at 1664 Maubert Ct. #12, San Leandro, CA 94578. His phone is (510) 534-5757.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Altos. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is May 4th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primbsch at (510) 741-8227.
- Sonoma Hamfest, Apr. 26th, 8 a.m., at the Sonoma Developmental Center, Glen Ellen, corner of Wilson and Sonoma Sts. VE session (9 a.m.); swapmeet; beginner T-hunt; forums; QRP station; homebrew display; AMSAT earth station. Free. Talk-in 145.35 MHz (PL 88.5). Info: Darrell Jones, WD6BOR, (707) 996-4494.

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Greg Small KD6SXH, President	(h) 524-4134, (w) 642-5979
David Brandon KG6FR, 1st VP - Program Chair	845-9559
Marion Millar, KF6BYM, 2nd VP - Hospitality Chair.....	526-0856
Sharon Primsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gayle "Burgie" Jones, KE6MSF, Secretary	222-3672
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo.	237-2777
Rich's beeper number is:	202-9241
Rich's cell phone number is:.....	301-8038
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair.....	232-0727
Henry Primsch KK6PH, Education Chair.....	741-8227
Vern Orme AA6YE, Social Committee Chair	233-4504
???, Publicity Chair.....	
Joe Lee WB6DOB, Awards Chair.....	724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees	799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair	799-5221
Ron Smith, KE6HKQ, Historian	724-5099
Fred Nieman KC6VLL, Member-at-Large	223-1748
Leo Lewis WA6ZFV, Member-at-Large	233-5034
Mel Hurley KC6FAW, Member-at-Large.....	526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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(800) 854-6046
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Victory Blvd. at Buena Vista
1 mi. west I-5

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(800) 854-6046
Mark, KE6OPP, Mgr.
I-880 at 23rd Ave. ramp

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Tom, KM6K, Mgr.
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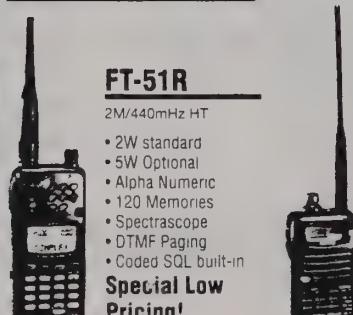
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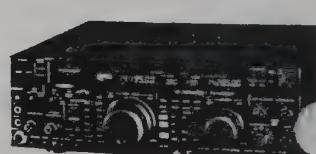
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THE BLOWN FUSE



CLUB STATION W6CUS

VOLUME L NUMBER 5

MAY 1997



EBARC Meeting

May 9, 1997
7:00 p.m.

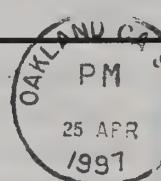
EBARC "Show and Tell"
and Field Day Planning



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.

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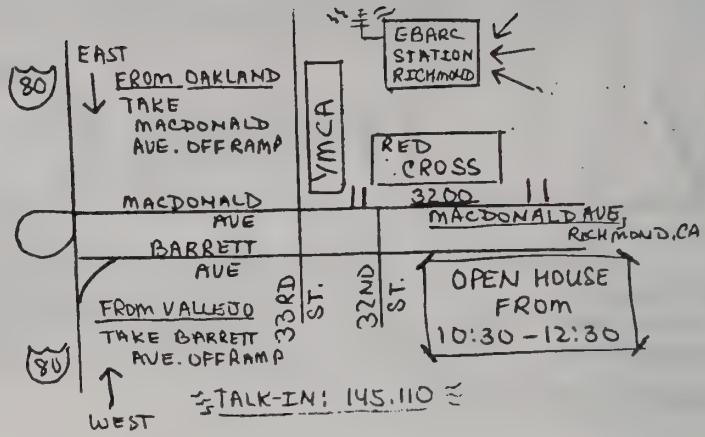
The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: May 27

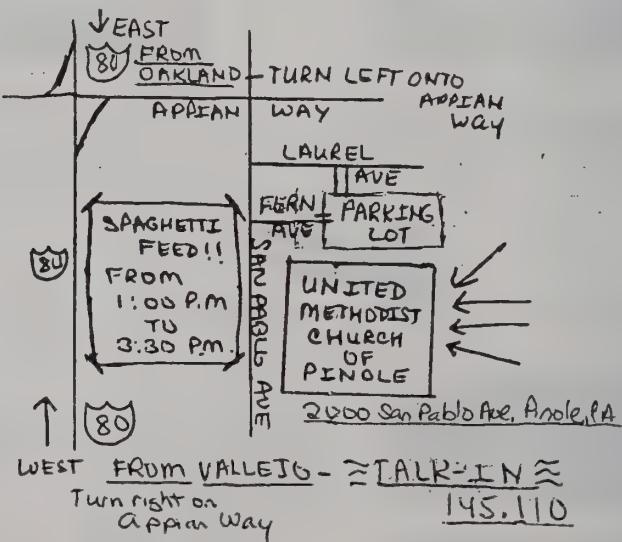
[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to sharon.primbsch@rebis.com.]

QST! QST! QST! EBARC/4Cs Spaghetti Feed and Social Cheryl Johnson, KF6HEN

The members of EBARC cordially invite the members and families of The Contra Costa Communication Club to visit our Club Station and join us for a spaghetti feed and get-acquainted social on Saturday May 10, 1997. Between 10:30 a.m. and 12:30 p.m., stop by our Club Station to say "hello" and enjoy a tour. It's located behind the Red Cross Building at 3200 Macdonald Ave. in Richmond (look for the antenna farm!). Then, join us for a delicious (homemade!) spaghetti dinner from 1:00 p.m. until 3:30 p.m. at the United Methodist Church of Pinole, located at 2000 San Pablo Avenue in Pinole. The 4Cs' own Carl Wake, AC6RV, will play and sing a few country songs for us at the church. For directions to the Club Station and the church, see the maps below. Talk-in, if needed, will also be on the 4Cs' 145.110 MHz repeater.



We request that you RSVP by Friday, May 2nd to let us know how many people you are bringing. You may do so by telephone or e-mail to: Burgie Jones, KE6MSF, at (510) 222-3672 or ran@napanet.net, or to Marion Millar, KF6BYM, at (510) 526-0856 or kf6bym@juno.com or to me, Cheryl Johnson, KF6HEN, at (510) 222-9315 or califcj@juno.com. Of course, you can RSVP by radio! After all, we're hams, aren't we? Special thanks to Ken Miller, KA6TUX, for allowing us to ask for RSVPs on the nets. Listen for Burgie, KE6MSF; Marion, KF6BYM; or me (Cheryl, KF6HEN); on various nets in the coming weeks. One of us will announce the spaghetti feed at the beginning of a net and ask the net controllers to help us by periodically reminding check-ins to tell us how many appetites(!) you are bringing! (cont'd.)



I thank my hard-working committee members: Marion "Food Price Researcher" Millar, KF6BYM; Burgie Jones, KE6MSF; Sam Watson, N6VIF; "Tail End" Charlie Haller, KE6ZWX; and Adah Fryman, KF6IHW. Special thanks go to Ron Smith, KE6HKQ, for arranging the use of the church. Special thanks also go to Ralph Hall, W6EFD, for holding the Club Station open for visitors.

Remember, mark your calendars for Saturday, May 10, 1997, for a great time, great food, great company and great fun!! We hope to see all of you there with hearty appetites!! QSL?

Message from the President Greg Small, KD6SXH

Hello again. We're looking forward to a good turnout of both EBARC and 4Cs members (and their families) for the spaghetti feed May 10th. Don't forget to drop by the Club Station open house. Take note of the QSL patch design contest, and get your entries in by May 1st. Also, start thinking about Field Day, which will be in June -- Initial planning will be at the May meeting. See you at the meeting and at the spaghetti feed.

QSL & Patch Design Contest

You'll earn a one-year free extension of your EBARC membership if your design is chosen! The design should commemorate EBARC's 50th year, and should be suitable for both a sewn patch and as an element of a QSL card. Submit your designs to David Brandon by May 1st. The winner will be announced at the May General meeting.

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Looking Back Ron Smith, KE6HKQ, Historian

"The Richmond Radio Club is trying out a new club meeting place in the Red Cross building, 23rd and MacDonald, which started with the May 1st meeting.

"The East Bay Radio Club has its own call, CUS, for its station. The club is making great progress and has already affiliated with ARRL."

The article above was from QST July 1948, page 96. My thanks to Bob Hughes, N6SPY, for providing the QST issues that we have been quoting from the past two months. In the article above, I feel that 23rd and MacDonald is a misprint. It probably should be 32nd and MacDonald. Leo Lewis, WA6ZVF, doesn't remember the Red Cross ever being at 23rd St.

May's EBARC Meeting

David Brandon, KG6FR

Please bring a project for "Show and Tell" to the May meeting. Alternately, you could bring slides or your shack or of some other ham radio related activity. You are also welcome to recount a story, such as how you got started in ham radio or some of your most exciting moments as a ham. 4Cs members are invited to participate as well. For coordination purposes, please let me know if you plan to present. You can reach me at 559-5783. We'll also begin Field Day planning at this meeting.

General Meeting Minutes

April 11, 1997

Gayle "Burgie" Jones, KE6MSF

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:30 p.m. by President Greg Small.

TREASURER: Gordy Parsons, NU6W, did not have a report for us this month. He will bring us up to date at our May meeting.

MINUTES: Minutes of the March general meeting were approved as printed in *The Blown Fuse*.

CLUB STATION: Roger Nelums, KE6SZG, filled in for Ralph Hall, W6EFD. He announced we would be having a work party on Saturday, April 12th.

EDUCATION: Henry Primsch, KK6PH, reported that we are still looking for volunteers to teach novice-tech and/or general-advanced upgrade classes.

GENERAL: Roger Nelums, KE6SZG, also gave a report on Molly Hall, who is doing much better since her surgery.

SOCIAL COMMITTEE: Vern Orme, AA6YE, and Roger Nelums, KE6SZD, presented flowers and candy to Rachel Lewellen, KB6LHR, for her birthday.

GRIZZLY PEAK BIKE RACE: The May 3rd race logistics will be handled by Rachel Lewellen, KB6LHR who will be helping Sam Watson, N6VIF. If you'd like to participate, contact Rachel or Sam.

FIELD DAY: Ray Gillett, KF6FU, reported that he won't be available for some of the time for this Field Day season. Greg Small, KD6SXH, will help in his absence. We need to finalize the arrangements for Cesar Chavez Park in Berkeley after April 20th. We'll try computer logging again this year.

PROGRAM: Using notes provided by David Brandon, Greg introduced our speaker, Dr. Robert Smithwick, W6JZU, who gave a wonderful presentation on MediShare International. David Brandon, KG6FR, arrived in time to present a certificate to the speaker. David then reported that the program for our May meeting will be projects by members and Field Day planning. If you have a project to show or a "war story" for May's meeting, please contact David.

SPAGHETTI FEED: Cheryl Johnson, KF6HEN, gave a report on our upcoming spaghetti feed, which will be held on May 10th at 1:00 - 3:30 p.m. at The United Methodist Church in Pinole. The EBARC club station will be open from 10:30 - 12:30 p.m. Logistics and financing were discussed.

Wear your badge to the spaghetti feed, so we know who you are!

Treasurer's Report

March, 1997

Gordon Parsons, NU6W, Treasurer

MARCH INCOME

New Member: KE6OPP	\$20.00
1997 Renewals: KC6VLL, W6JRZ, KB6JXA, KE6NKZ	80.00
Station Fund Can	6.83
Coffee Kitty	16.85
Raffle Ticket Sales	66.00
Total March Income	\$189.68

MARCH DISBURSEMENTS

Pacific Bell (W6CUS)	\$19.17
Blown Fuse and Roster Printing and Postage	129.73
Refreshments	23.20
City of Albany (room rental)	40.00
Xmas Party Materials (V. Orme)	69.00
Total Mar. Disbursements	\$281.10

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$1,378.84
Savings (Station Fund*)	\$1,184.11

*\$429.23 belongs to the General Fund.

Our state income tax report will be due in September, as we have filed for an extension. Our tax preparer is Al Streit, former EBARC member. The extension is an annual event, as it makes it easier on Al and myself.

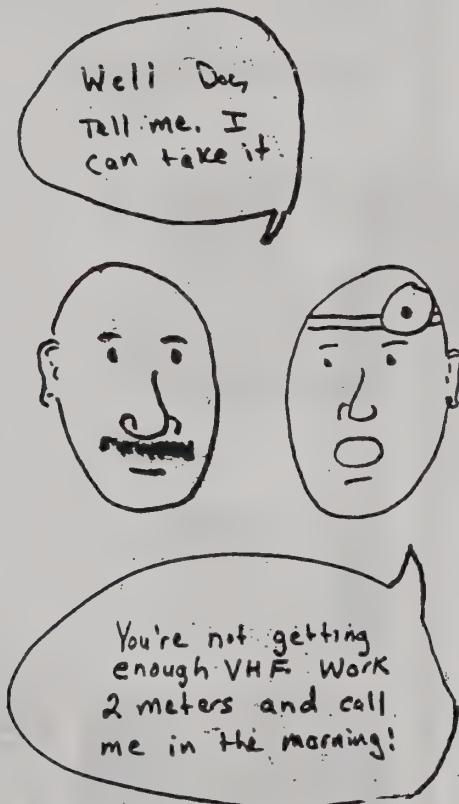
For Sale

Swan Model 260 SSB transceiver. Good for a beginning ham. Call Bill Read, WD6AKC, at 526-8002.

[Editor's note: The officer and net list has been omitted this month to save printing and postage. It will be printed next month.]

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is May 4th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primbsch at (510) 741-8227.



Cartoon by Ed Bear, KE6DVS

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THE JOURNAL OF THE
EAST BAY RADIO CLUB

THE BLOWN FUSE

VOLUME L NUMBER 6

JUNE 1997

EBARC Meeting

June 13, 1997
7:00 p.m.

"EBARC Field Day Planning"

The East Bay Amatater Radio Club meets the second Friday of each month at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany. The Executive Board meets the first Friday of each month at 7:30 p.m. at the home of Mel Jurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB
Post Office Box 1393
El Cerrito, CA 94530



Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

POSTMASTER: Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primsch, AA6XZ

Deadline for July issue: June 24

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Spaghetti Feed Thanks

Cheryl Johnson, KF6HEN

Here's a heartfelt "thank you" to the following people, who worked so hard on the Spaghetti Feed and Open House. You all did a great job!

Burgie Jones, KE6MSF
 Roger Nelums, KE6SZG
 Ralph Hall, W6EFD
 Marion Millar, KF6BYM
 Peter Millar, KFYBYN
 Teresa Millar
 Vivian Millar
 Charlie Haller, KQ6OX
 Sam Watson, N6VIF
 Carmen Watson
 Adah Fryman, KF6IHW
 Ron Smith, KE6HKQ
 Joe Lee, W6DOB
 Carl Wake, AC6RV (music)
 Greg Small, KD6SXH (EBARC speaker)
 Fred Nieman, KC6VLL, (4Cs speaker)

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Message from the President

Greg Small, KD6SXH

Hello again. We had a good turn out at the EBARC and 4Cs spaghetti feed on May 10th. Thanks again to Cheryl, KF6HEN, and her band of stalwarts for an excellent event. Cheryl has also accepted appointment as the EBARC Publicity Chair, so you will be seeing her name on the inside back page. The Publicity Chair has been vacant for some time so even the simple notices of our club activities have gone undone, and I believe we have suffered for lack of this important work.

At the June 13 EBARC meeting we will firm up the Field Day planning details and play with the contact logging program, paper contact logs, and "dup" sheets. Bring your Field Day questions. See you there.

QST Field Day Alert!

CQ FD CQ FD CQ FD

Greg Small, KD6SXH

Field Day is Friday June 27 through Sunday June 29. This year EBARC will setup in the Cesar Chavez Park at the Berkeley Marina (Northwest Picnic area). 4C's and EBARC members and their families are encouraged to come.

The object of Field Day is to work as many stations as possible, on any or all amateur bands, while deployed "in the field" to practice emergency preparedness. This involves getting our equipment out to the field, setting up, and operating. Since this is a 24-hour event, there is also the logistics of power, shelter, food, security, and getting some sleep between operating. It's darn good practice and a lot of fun.

By EBARC tradition, we start setting up at the site Friday at about 11 a.m. This involves collecting equipment from the Club Station at about 10:30 a.m. and transporting it to the site. Setup of tents, power, antennas, and radios usually lasts until late afternoon. Come on out to the site to lend a hand and your expertise.

Contest operation begins at 11 a.m. on Saturday and continues 24 hours until 11 a.m. Sunday. EBARC operates as category 2A, a non-portable club station with two transmitters. We operate these as an HF CW station and an HF SSB station. We also operate a Novice/TechPlus HF transmitter and a VHF/UHF transmitter, which are "free" in that they do not count as transmitters in our category designation. Phone contacts count one point and CW/RTTY count two points plus bonus points for various related activities.

Needless to say, no one operates the whole 24 hours straight, so we need a lot of hams (that's you!) to take turns at the various operating stations. Each station needs at least the transmitter operator and someone to record the log and check for duplicates. This is a great chance to operate on your favorite band or try something new with others available to help out. For you night owls, remember we operate 24 hours.

At 11 a.m. on Sunday we pack it all up and head home. This operation takes several hours as you might expect, so come and help out if you were unable to before. Come earlier and do some operating too.

If you're stuck at home or are on the road, you can still help with Field Day. There are two ends to every contact, and you can be one of them. At home you can operate category 1D (permanent station using commercial power) or 1E (permanent station using emergency power, battery, etc.). On the road you are 1C (mobile). If you try simplex DX with your handheld, you are 1B (one or two person portable). Every contact you make helps other Field Day sites have as much fun as you.

Field Day contacts are short and sweet. You call "CQ Field Day" or respond to a CQ FD and then exchange your operating class and ARRL/RAC Section. For example:
S: "CQ Field Day this is W6CUS listening"
R: "W6CUS this is KD6SXH, 1 B East Bay"
S: "KD6SXH roger 2 A East Bay"
R: "W6CUS roger KD6SXH out."
S: "CQ Field Day this is W6CUS listening"

The contest does not use 30M, 17M, or 12M. Every other ham band from 160M to 23 cm and beyond is in the game. Don't neglect 10M SSB (it was wide open on Saturday afternoon the last two years).

The Field Day site is Cesar Chavez Park at the Berkeley Marina (Northwest Picnic area). Rich, KD6JCT, and his security team will be monitoring 147.57 MHz for talk-in and operations (for emergencies or problems call his cell phone 301-8038).

General Meeting Minutes

May 9, 1997

Gayle "Burgie" Jones, KE6MSF

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:30 p.m. by President Greg Small.

TREASURER: Gordy Parsons, NU6W, left his notes home and did not have a financial report for us this month.

BADGES: Joe Lee, W6DOB, received a few orders for badges this month.

MINUTES: Minutes of the April general meeting were approved as printed in *The Blown Fuse*.

SPAGHETTI FEED: Cheryl Johnson, KF6HEN, gave a report on our upcoming spaghetti feed.

CLUB STATION: Ralph Hall, W6EFD said that the work party on Saturday, April 12th only required a few people, and all who attended did a fine job.

ASSISTANCE NEEDED: Sharon Primsch, AA6XZ, reported that member Steve Dodge, K6ZR, still needs help with EBARC historical records, with moving and sorting electronic equipment, and with typing and dictation. He eyesight isn't what it used to be, and he can't leave his home often. He's willing to pay one or more people to help him at his home. Call him at 233-5833 for details.

FIELD DAY: Greg Small, KD6SXH, reported that we still need someone to volunteer for Field Day publicity. Jamie Wasson, AB6WJ, is helping with arrangements to use Cesar Chavez Park.

PROGRAM: For EBARC's "show and tell" Charlie Haller, KQ6OX, explained that it only cost a \$6.25 fee to take (and pass) his Advanced test, but it took \$140 worth of pies for his fellow hams at study sessions. Tom (aka Kham), AI3X, demonstrated the pouch he uses to hold his rig and accessories across his chest, leaving his hands free. Henry Primsch, KK6PH, demonstrated a homebrew slot antenna for 2 meters. Gerry White, WB6IZE, and his guest demonstrated an experiment where high school students are helping to collect information on natural sources of ELF.

The meeting was adjourned about 9:30 p.m. for the raffle.

Free Messages!

At the June meeting, Joe Lee, W6DOB, will bring blank National Traffic Service (NTS) message forms. Come prepared with a message up to 25 words to someone at least 50 miles away. You'll need the person's name, address, zip code, and telephone number. This will be good practice for Field Day, when Joe is planning to get extra points for EBARC by originating more NTS messages from the Field Day site. Be sure to help our score by bringing your messages to Field Day! Joe would also like to have other people copy the W1AW Field Day message to be broadcast on W1AW's regularly announced frequencies just before and during Field Day. We need accurate text for this message to get the bonus points.

Treasurer's Report

April, 1997

Gordon Parsons, NU6W, Treasurer

APRIL INCOME

ARRL Renewals: KF6FU, K3MHD, KD6SWU, KD6SXH, AC6JCQ.	\$253.00
Coffee Kitty	27.50
Station Fund Can.....	<u>10.08</u>
Total April Income	\$290.58

APRIL DISBURSEMENTS

ARRL Renewals: KF6FU, K3MHD, KD6SWU, KD6SXH, AC6JCQ.	\$243.00
Blown Fuse Printing.....	68.80
Blown Fuse Postage	70.40
City of Albany (room rental)	<u>40.00</u>
Total Apr. Disbursements.....	\$422.20

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$1,237.14
Savings (Station Fund*).....	\$1,194.19

*\$429.23 belongs to the General Fund.

Treasurer's Report

May, 1997

Gordon Parsons, NU6W, Treasurer

MAY INCOME

New Family Members: KD6KZO and Khôi	\$24.00
Station Fund Can.....	11.75
Coffee Kitty	20.75
Raffle Ticket Sales.....	50.00
Special Donation.....	<u>75.00</u>
Total May Income	\$181.50

MAY DISBURSEMENTS

Blown Fuse Postage	\$71.04
Blown Fuse Printing.....	17.81
W6CUS Supplies (H. Primsch)	53.04
City of Albany (room rental)	40.00

Refreshments (M. Millar)	93.75
Refreshments (C. Johnson).....	20.48
Refreshments (G. Jones)	11.69
Refreshments (A. Fryman)	27.42
Church Room Rental (R. Smith)	50.00
Pacific Bell (W6CUS)	<u>19.32</u>
Total May Disbursements	\$404.55

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$952.34
Savings (Station Fund*)	\$1,255.94

*\$429.23 belongs to the General Fund.

Field Day patches!! The 50th Anniversary membership patch should be ready to go on sale at Field Day in June. The price of the patch will be announced at the June club meeting. Also, we still have many patches left over from the 1992 Field Day. These sell for \$2 each.

Remember feed the kitty!

QSL & Patch Design Winners

There are two winners for EBARC's 50th year QSL and patch design contest. Peter Millar, KF6BYN, won for his patch design. Tom (the artist formerly known as Kham) Vilaikam, AI3X, won for his QSL card design. They each won a one-year free extension of their EBARC membership.

Club Station Report

Ralph Hall, W6EFD

The W6CUS station is looking good and is in good shape. It's great to see so many members beginning to use it. Just remember when you leave to double check the radios to be sure they are turned off. Also, remember to sign in and sign out.

Looking Back

Ron Smith, KE6HKQ, Historian

The Blown Fuse was first used as the name of the Journal of the East Bay Radio Club (now EBARC) in December, 1969. Here's how it happened, from the August 1969 EBRC News Letter.

"OUR PAPER: It is the opinion of the Nitty Gritty Committee that this 'News Letter' should have a name. The CCRC has 'The Circle', The Richmond Club has its 'QRMer', the Hayward Club has its 'Chewed Rag', so why not us too? Your editor, Trent Vaczovaky, does hereby promise that a very nice PRIZE will be given to the person submitting the winning name. So put those thinking caps labeled 'Imagination' on and think us up a FB one. Turn those clever suggestions in to Pres Les Bodin, Sec'y Dorothy McCutcheon, or Louie Vaczovaky, WB6NDT, Club Reporter, any time before SEPTEMBER 30th. The winner will be announced at the October 10 meeting."

From *The Blown Fuse*, December, 1969:

"Let's Celebrate: There are TWO reasons to arrange for a BIG celebration. FIRST: We are 1 YEAR OLD and SECOND: WE HAVE A NAME! "THE BLOWN FUSE" suggested by STEVE BARTON WA6TGB."

[This front page of this June, 1997 issue uses the original Blown Fuse logo and typeface (typewriter!). Ed.]

Field Day is June 28-29th.

Bring sunblock, hats, and coats!

QST AUTHORS!

Starting with the July issue, the new e-mail address for *Blown Fuse* submissions is aa6xz@juno.com.

Club Jackets, Shirts, Badges

A couple of EBARC members (Cheryl and Marion) had the idea to get club jackets in colors other than yellow. They have ordered theirs (teal or purple with white lettering). If you'd like to order a club jacket (traditional yellow or not), contact Sam Watson, N6VIF, at 223-6408.

See Joe Lee, W6DOB, right away if you'd like to order a club badge in time for Field Day. They are \$5 each. If you'd like to order a club golf shirt, they are about \$23, (extra \$ for size XXL). Contact Joe at 724-0533 for details.

For Sale

Icom IC-W32A dual band HT 2 meter/ 440. Includes rubber duck, wall charger, Icom HS-85 headset, HM-46 speaker mike, BP-173 5-watt battery, Icom CP-12L vehicle lighter plug, and all manuals. Radio includes alphanumeric readout, 100 channels per band, encode/decode, extended receive, and lots more for \$475.

Realistic HTX-202 2-meter VHF handheld. Includes speaker mike, vehicle lighter plug, rubber duck, wall charger, regulated power supply 13.8 v DC, owner's manual, and service manual for \$175.

If you're interested in either radio, contact Eric Borghesiani, KE6YNI, at 228-7707.

EBARC Roster Update

- **CORRECTION:** The correct phone number for Steve Dodge, K6ZR, is 233-5833.
- **CORRECTION:** Jim Kuhl, KC5IDS, and Janice Kuhl, KC5HHG, renewed but were left off the roster. Their address is 101 Rainbow Dr. #3155, Livingston, TX 77351-9330.
- **UPGRADE:** David Brookman, KE6ZWS, is now a General.
- **UPGRADE & NEW CALL:** Donna Malinousky upgraded to General and now holds call sign KF6KWV.
- **UPGRADE:** Robin Fraatz, KE6MRH, upgraded to General.
- **UPGRADE & NEW CALL:** "Tail End" Charles Haller upgraded to Advanced and now holds call sign KQ6OX.
- **NEW MEMBERS:** Daniel Senderowicz, KD6KZO, and his wife, Khôi Nguyen Senderowicz live at 36 Fairlawn Dr., Berkeley CA 94708-2106. Their phone is 510-845-4953. Daniel's e-mail address is daniel@synchrods.com, and his main ham interest is making friends via communications. Welcome!

Future Bay Area Events

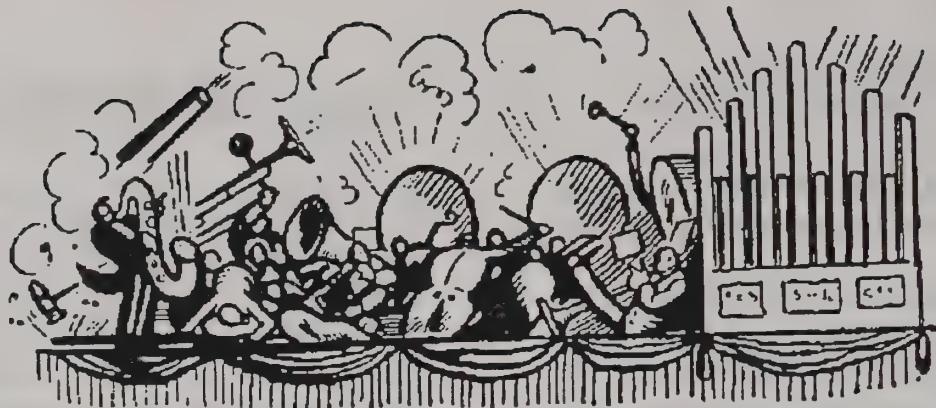
- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is July 6th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primsch at (510) 741-8227.

EBARC Web Page

Tom, AI3X, has prepared an EBARC home page for the World Wide Web. Check it at <http://www.infinex.com/~ai3x/EBARC.html>!

W1AW FIELD DAY BULLETIN SCHEDULE

Day	Mode	Pacific	Mountain	Central	Eastern
FRIDAY	CW	5:00 PM	6:00 PM	7:00 PM	8:00 PM
	Teleprinter	6:00 PM	7:00 PM	8:00 PM	9:00 PM
	Phone	6:45 PM	7:45 PM	8:45 PM	9:45 PM
	CW	8:00 PM	9:00 PM	10:00 PM	11:00 PM
	Teleprinter	9:00 PM	10:00 PM	11:00 PM	12:00 PM
	Phone	9:45 PM	10:45 PM	11:45 PM	12:45 AM
SATURDAY	CW	7:00 AM	8:00 AM	9:00 AM	10:00 AM
	Phone	8:00 AM	9:00 AM	10:00 AM	11:00 AM
	CW	5:00 PM	6:00 PM	7:00 PM	8:00 PM
	Teleprinter	6:00 PM	7:00 PM	8:00 PM	9:00 PM
	Phone	6:45 PM	7:45 PM	8:45 PM	9:45 PM
	CW	8:00 PM	9:00 PM	10:00 PM	11:00 PM
SUNDAY	Teleprinter	9:00 PM	10:00 PM	11:00 PM	12:00 PM
	Phone	9:45 PM	10:45 PM	11:45 PM	12:45 AM
	CW	7:00 AM	8:00 AM	9:00 AM	10:00 AM
	Phone	8:00 AM	9:00 AM	10:00 AM	11:00 AM



**An Alternate Phonetic Alphabet
For the Operatically Inclined**

Letter	Phonetic	Opera	By	Character Sex	Singer Sex
A	Aïda	Aïda	G. Verdi	F	F
B	Brunhilda	Der Ring des Nibelungen	R. Wagner	F	F
C	Carmen	Carmen	G. Bizet	F	F
D	Dalilah	Samson et Dalilah	Saint-Saens	F	F
E	Ernani	Ernani	G. Verdi	M	M
F	Ferrando	Cosi Fan Tutti	W.A. Mozart	M	M
G	Giorgio Germont	La Traviata	G. Verdi	M	M
H	Hoffman	Les Contes de Hoffman	Offenbach	M	M
I	Iago	Otello	G. Verdi	M	M
J	Julio Cesare	Julio Cesare	G.F. Handel	M	F
K	Kate Pinkerton	Madama Butterfly	G. Puccini	F	F
L	Leonora	La Forza del Destino	G. Verdi	F	F
M	Marcello	La Bohème	G. Puccini	M	M
N	Norma	Norma	V. Bellini	F	F
O	Oscar	Un Ballo in Maschera	G. Verdi	M	F
P	Papageno	Die Zauberflöte	W.A. Mozart	M	M
Q	Queen of the Night	Die Zauberflöte	W.A. Mozart	F	F
R	Rodolfo	La Bohème	G. Puccini	M	M
S	Samson	Samson et Dalilah	Saint-Saens	M	M
T	Tonio	I Pagliacci	Leoncavallo	M	M
U	Ulrica	Un Ballo in Maschera	G. Verdi	F	F
V	Violetta	La Traviata	G. Verdi	F	F
W	Wotan	Der Ring des Nibelungen	R. Wagner	M	M
X	Xerxes	Xerxes	G.F. Handel	M	F
Y	Yevletsky	Pique Dame	Tchaikovsky	M	M
Z	Zerlina	Don Giovanni	W.A. Mozart	F	F

Submitted by Paul Sullivan, KE6NMJ

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Mel Hurley KC6FAW, Member-at-Large.....	526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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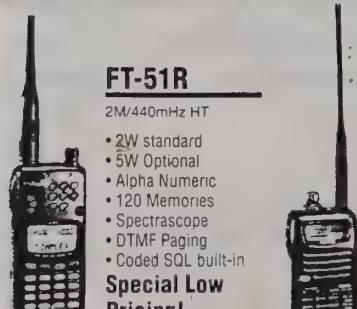
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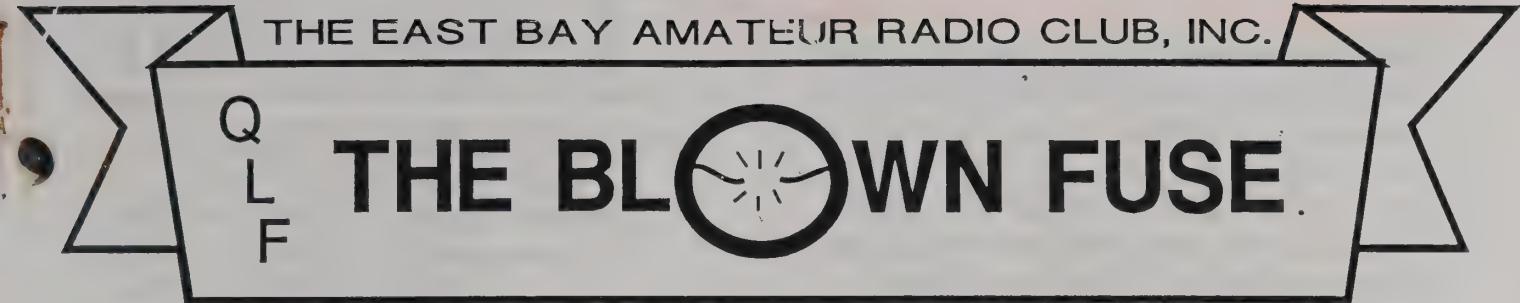
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THE BLOWN FUSE



CLUB STATION W6CUS

VOLUME L NUMBER 7

JULY 1997

EBARC Meeting

July 11, 1997
7:00 p.m.

"Truth or Consequences and Field Day Wrap-Up" by EBARC Members



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board will not meet this month.



THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530



FIRST CLASS MAIL



Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

POSTMASTER:
Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for August issue: July 22

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

July Program

David Brandon, KG6FR

July's program is "Truth or Consequences and Field Day Wrap-Up", given by our own EBARC members.

We will use a game show format to explore some technical aspects of ham radio and share some of our own interests and experiences. I expect this to be lots of fun, and, if you have some ideas or want to help conduct the program, please let me know.

In addition, we will have a Field Day wrap up and commentary. If you do take slides of Field Day activities, be sure to make them available to me or Ron Smith at least a few days before the meeting so we can put together an edited show. If you want to serve on the panel of commentators, let me know as well.

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Looking ahead to August, I anticipate a DX-oriented program, but the title remains to be confirmed.

Home: 510-845-9559

Work: 510-559-5783

FAX: 510-559-5880

e-mail: dbrandon@pw.usda.gov

REMINDER

There will be no Executive Board meeting Friday, July 4th. The next Board meeting is Friday, August 1st. Enjoy the (safe and sane) holiday!

Correction to May Minutes

The following is a correction to EBARC General Meeting Minutes for May 9th, 1997, as submitted by Gerry White, WB6IZE.

Replace the last sentence with: "Greg Rogers, KD6FFP, President of VHF Repeaters (WB6NDJ) and guest of Gerry White, WB6IZE, described and demonstrated DTMF (Dual Tone Multiple Frequency) operation with a new kit available from the Tucson Amateur Radio Group. The kit can provide selective calling, paging, and control operations. Gerry demonstrated an international program where high school students worldwide are helping NASA to collect information on natural sources of ELF magnetic fields."

General Meeting Minutes June 13, 1997 Gayle "Burgie" Jones, KE6MSF

The regular meeting of the East Bay Amateur Radio Club was called to order at 7:36 p. m. by Greg Small, KD6SXH.

GUESTS: Brad Gross, Harbormaster for the Berkeley Marina, Eldon A. Wolf, KE6JRO, and Robert G. Welch, KF6LES were guests. Welcome everyone. We hope you will join us again.

EDUCATION: Henry Primbisch, KK6PH, asked if anyone would be able to help with the Novice & No-Code Tech classes. Chet Pike, AC6WF, Ivan Sturman, WB6PIV, and John Wood, KF6HFA volunteered to help with the classes.

TREASURER: Gordy Parsons, NU6W, will have Field Day 1997 patches to sell for \$3.50 each in time for Field Day.

AWARDS CHAIR: Joe Lee, W6DOB, asked if anyone has a message to be sent for Field Day, to please let him know. Any messages to be sent must go at least 50 miles away from Field Day site.

FIELD DAY: Greg, KD6SXH, reported that there are 2,765 amateur radio operators in Contra Costa County. In our area, there are 773 amateur radio operators. More arrangements were made for Field Day.

The meeting was adjourned at 9:35 p.m.

ARES/RACES Training & Firewatch News Rich Parker, KD6JCT

We are looking for volunteers for July 4th fire watch in Richmond, San Pablo, Pt. Richmond, and Kensington. Mobile hams are needed to patrol hills and brushy areas to act as eyes for the fire departments.

On Saturday, July 19th, Basic RACES training will be offered 8:30 a.m. to noon. The place will be in West County, to be determined at about the time you receive *The Blown Fuse*.

For information on either of these, check into the nets, call me at 237-2777, or FAX me at 237-1446.

[P.S. Rich's June 10th torn ligament knee operation was a success. He's now "richer" by two bolts. He expects to be up and around by middle to late July - Ed.]

Club Station Report

Ralph Hall, W6EFD

The generator at the club station can now be used. As soon as we've all recovered from Field Day, we'll have some practice sessions so members will know how to switch power between the mains and the generator in case of an emergency.

Looking Back

Ron Smith, KE6HKQ, Historian

The East Bay Radio Club met in the electronics lab at El Cerrito High School in 1964.

In 1970 EBRC had its Field Day site at Point Pinole. Bill Hyde, WA6FFM was Field Day director and Larry Anderson, WB6WVR was "director of cuisine".

From the minutes of Feb. 11, 1972:

"On February 9 Sid Lagorio, Frank Dyer, Dorothy McCutcheon and Dave Welton went to the California School for the Blind and helped get set up to teach the kids to become hams."

From December 1976 Blown Fuse:

"As of November 26, 1976 the Federal Communications Commission acted further in deregulating the Amateur Radio Service. It is no longer required that prior notice be given to FCC of extended portable operation. The requirements that portable stations identify themselves as such has also been dropped. It is no longer necessary that portable stations identify themselves as portable stations unless they want to."

Sam's Recuperating

Sam Watson, N6VIF, is recuperating well from a triple bypass he received June 10th. He's recuperating as expected, with noticeable improvement every day. He appreciates all the card, letters, and communications he's been receiving. He loves to talk on the phone (223-6408), but doesn't carry his radio around much lately.

Silent Key

In mid-June, "Dr. Dick" Gleason, WA6HYS, died while on a Mississippi riverboat vacation. He was a longtime member of the 4Cs. A celebration of his life was held June 19th at the Northbrae Community Church in Berkeley, and several EBARC members were able to attend. EBARC sends sympathies to his family, especially to his son, Stanton Gleason, KD6SWU.



Another Silent Key

In May, Dave Percival, WB6GOM, passed away. He was a founding member of the 4Cs radio club. EBARC sends sympathies to his family, especially to his son, John Percival, WI6O, who also lost his older brother in April.

EBARC Roster Update

- **LOST MEMBER FOUND:** John Percival, WI6O, now lives at 2618 Lee St., Simi Valley, CA 93065. His home phone is (805) 578-8911. His e-mail address is jsp@wkr.com. He has visited the Simi Settlers Radio Club, but can be found prowling around EBARC's Field Day this year! (We're glad you're not "lost" any longer.)
- **RETURNING MEMBER:** Welcome back to Todd Myers, KE6AXC. He lives at 4778-A Appian Way, El Sobrante, CA 94803. His phone is 223-4410. He holds a Technician license, and his main ham interests are UHF and VHF.
- **RETURNING MEMBER:** Larry A. Fields, N6HPX, recently renewed. His address is Valleyfield Subdivision, B15L4 Arayat Rd., Bacoor, Cavite, Philippines, 4102. His phone is 63-97-385-7723. When he's in town, he can be contacted via 1207 E. Victoria Ct., San Pablo, CA 94806. Larry holds a General license, and he likes SSB, VHF, UHF, computers, and some CW.
- **NEW MEMBER:** Jon L. Pszenitzki, KF6HES, holds a Tech+ license, and is still learning ham radio ("the sky's the limit"). He lives at 1801 Woolsey St., Berkeley, CA 94703. His e-mail address is jzki@well.com, and his phone is 644-3944. He also likes water-skiing. Welcome Jon!

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is July 6th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primsch at (510) 741-8227.
- Pacificon '97 will be held at the Concord Hilton, Concord CA, Oct. 17-19, 1997. For information call (510) 932-6125, e-mail to PACIFICON@designlink.com, or check the World Wide Web at <http://www.mdarc.org>.

If you have lost something or found something from Field Day, contact Greg Small, KD6SXH, at 524-4134 or 642-5979. He's volunteered to keep track of the list of found and lost items (to help them find their proper homes).

Field Day 1997 patches are now on sale for \$3.50 each. Contact Gordy Parsons 785-4290 for more information.

Note: To save on printing costs, the Executive Board list is not being printed this month. Check your June *Blown Fuse* for the current list of officers and nets.

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THE BLOWN FUSE



CLUB STATION W6CUS

VOLUME L NUMBER 8

AUGUST 1997



EBARC Meeting

August 8, 1997
7:00 p.m.

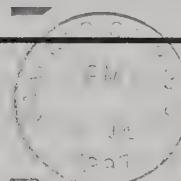
"VK0IR Heard Island DXpedition"
Bob Fabry, N6EK



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the home of Mel Hurley, KC6FAW, 137 Purdue Ave., Kensington.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393
El Cerrito, CA 94530



FIRST CLASS MAIL



Ronald A. Smith, KE6HKQ
2643 Emma Dr.
Pinole, CA 94564

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for September issue: Aug. 26

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Club Station Report

Ralph Hall, W6EFD

There will be a work party on Saturday, August 9th at 9:30 a.m. at the club station. We'll practice getting the club station off PG&E mains and onto the generator, as if we were responding to an emergency. We'll also do some other tasks. We'd like to have a good turnout for this work party, especially people who have keys to the door. In a real emergency, we wouldn't know who would get to the club station first, and this person would be expected to transfer the station to the generator power if necessary.

The failure of the generator at Field Day was due to a mechanical problem with an electrical part, and it has now been corrected. Now we know we can do Field Day on half a generator!

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August Program

David Brandon, KG6FR

Bob Fabry, N6EK will speak about "VK0IR: Heard Island DXpedition." Many will remember Bob's (and YL Susan's) entertaining presentation on their previous DXpedition. You should be prepared for an exciting sequel to that story. Bob was one of twenty people who organized and carried out what some people have described as the most successful DXpedition ever. The talk will cover ham radio aspects as well as the interesting details of what it's like to live on Heard Island.

Field Day 1997 patches are now on sale for \$3.50 each. Contact Gordy Parsons 785-4290 for more information.

Treasurer's Report

June, 1997

Gordon Parsons, NU6W, Treasurer

JUNE INCOME

New Members: KF6HES, N6HPX, KE6AXC, KA6OHW.....	\$80.00
Coffee Kitty	27.56
Station Fund Can.....	5.00
R. Hall (tower account)	<u>99.96</u>
Total June Income.....	\$212.52

JUNE DISBURSEMENTS

Blown Fuse Printing.....	\$60.08
Blown Fuse Postage	74.56
City of Albany (room rental)	40.00
LeBeau Emblem Co. (FD patches) ..	264.89
Refreshments (M. Millar).....	16.56
W6CUS Supplies (R. Hall).....	106.41
Field Day Food (B. Grazer).....	300.00
Postage Stamps (G. Parsons)	4.80
Large Envelopes/Folder (G. Parsons) ..	3.50
Postage (G. Parsons)	1.01
Pacific Bell (May).....	17.05
Pacific Bell (June).....	<u>18.20</u>
Total June Disbursements.....	\$907.06

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$559.25
Savings (Station Fund*).....	\$989.60

*\$429.23 belongs to the General Fund.

Treasurer's Report

July, 1997

Gordon Parsons, NU6W, Treasurer

JULY INCOME

Station Fund Can.....	\$14.00
Coffee Kitty	19.15
Field Day Patch Sales	<u>124.00</u>
Total July Income	\$157.15

JULY DISBURSEMENTS

Blown Fuse Printing	\$30.40
Blown Fuse Postage.....	38.40
City of Albany (room rental).....	40.00
Refreshments (M. Millar)	<u>29.87</u>
Total July Disbursements.....	\$138.67

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$453.73
Savings (Station Fund*)	\$1,113.50

*\$429.23 belongs to the General Fund.

We have Field Day / 50th Anniversary patches for sale. The price is \$3.50 each. They look great on our official club jackets. You'll want to have one to wear at Pacificon in October. We still have Field Day patches from former years. See me for any one of these.

General Meeting Minutes

July 11, 1997

Gayle "Burgie" Jones, KE6MSF

The regular meeting of the East Bay Amateur Club meeting is called to order by our President Greg Small at 7:43 p.m. Gordie, our treasurer, is unable to give us a report at this time. He will bring us up-to-date at our next meeting. Field Day expenses were met. We still have Field Day patches available for those who are interested in purchasing them for \$3.50 each.

Vern, AA6YE, will be speaking with Fred, KC6VLL, regarding our club picnic.

Cheryl, KF6HEN, will be putting a notice in the newspaper regarding our monthly club meetings.

Joe Lee, WB6DOB, received 10 messages to be sent during our Field Day exercises, which we received 300 points.

David, KG6FR, presented a different kind of program this month. Eight club members, John, WD6GGC, Fred, KC6VLL, Lloyd, W1ZJ, Don, KE6ZFP, Tom, AI3X, Marion, KF6BYM, Ron KE6HKQ, Bob WB6VEX and Ralph, W6EFD (as The Judge), Sharon, AA6XZ as scorekeeper, and Peter, KF6BYN, as time keeper broke into a team of 4. David presented a question and either Team Red or Team Blue was to answer. It was quite amusing and we all enjoyed the program. The end result was a tie between both teams.

The meeting adjourned at 9:35 p.m.

Looking Back

Ron Smith, KE6HKQ, Historian

Here's a Field Day story from twenty years ago. It's from the July 1977 *Blown Fuse*.

FIELD DAY HUGE SUCCESS

The EBRC 1977 Field Day must be put down in the records as a successful event, and credit is due to the team effort organized by Jin Gale, WA6FDX, F/D chairman. Set-up was at the south end of Port of Richmond Terminal Warhouse No. 3 on Harbor Way. Use of this property was granted by the Port of Richmond by Capt. Tom Eddy, Director, to whom we express our appreciation for this cooperation.

Les Bodin, W6JKY, had the 5 KW generator in top shape, and it performed faultlessly except for one premature gas shortage about an hour before F/D closing. A quick trip for gas and we were back in business.

Two other lower powered generators were tested and held in stand-by, thanks to Jim Gale, WA6FDX and Joe Lee, WB6DOB. Operations were hot and heavy on 80, 40, 20, and 15. Top scorer by a wide margin was Paul Zeppa, WA6VJH, who brought down his portable three element beam and Heath 101 transceiver. Sunday AM early he put up a short vertical on the embankment next to the harbor channel, and threw a coil of wire into the salt water for ground. First contact was with RUSSIA! Numerous other Asian contacts followed. Paul's main operation was on 20 M, and he had some good assistance from John Nelson, K6PJ and John Polese, WA6QIN. Action was divided between phone and CW with Paul's excellent operating ability paying off handsomely in the jungle of high speed CW on 20. Tally is not complete at this writing but his contacts filled several pages, and were in 'the hundreds'. Our thanks to Paul and crew for this great boost to our score and he will be more than welcome at future EBRC F/Days.

Lyman Wiltshire, WB6SMY, though limited in time he could be present, was active from his camper, and Jim Gale in his camper, parked next to Lyman's shared time on the HW-16, with some additional help from John Polese, WA6QIN, and John Chapman, WN6AYT.

Carl Clark, WA6KTL, set up his ATLAS in Jim Gale's camper and exercised his newly acquired General Class license, working both 40 and 80.

Ted Culliver, WA6CRG, operated his Heath 107 from his car, first trying 40 on a long wire, but then changed to a vertical mounted to the cyclone fence, using the fence for ground, which worked pretty well, a wire counter-poise about two hundred

feet long! This probably helped a lot in his very good number of contacts.

'Lew' Lewellen, WA6JSO, hauled down Steve Dodge's trailer and parked it near the fence, also used by Steve for 'ground', then Lew gave a big hand on setting up various antennas and rigs, and then stayed active on '2-meters' from his pick-up, giving a good work-out to his new ICOM 245.

Steve Dodge, K6ZR, had a busy show going from his trailer, using his National Receiver and Viking Ranger on CW only. Heavy mutual interference was encountered by those working '40' so Steve concentrated on '80', which was pretty lively during the night, but slow during daylight hours as expected. But this made for good experience and practice for some of the newer 'ops' and a good hand was offered by Editor, Jonathan Hymer, WB6FJC, and Ravi Narasimhan, tech student. Frank Taylor's, WA6VBV, long wire tuner, a 'Unique', worked great tuning the long wire which Robt Woodworth ran to the flagpole on the warehouse building for Steve. Robert also gave a big hand with the generator 'gassing' during the night hours, and helped in other ways with antenna set ups, and break out after closing.

Joe Lee, WB6DOB, ran a good show from his camper, mainly on '40' which was an active band at all hours of the day and night.

The mutual interference from overloading each others receivers, and from key clicks was probably the greatest operating difficulty. Before next year we should do some serious work toward eliminating this source of trouble. With good filtering we should be able to operate within 25 to 35 KHz of each other without too much trouble. Think how close the antennas are to each

other on a Navy ship, with half a dozen KW rigs in the same room!

We were delighted to have a visit from official ARRL organization in the person of Earl Appleby, W6ITH, who was out making as many F/D site visits as possible. Earl is SEM, for our East Bay District. He has promised to come to an early club meeting. Thanks for this interest, Earl, and we'll be pleased indeed to have you attend one of our meetings soon.

A very good number of other club members were able to be present during part of the F/D period including Dave Bacom, WA6TPJ; Pat Griffin, WA6SCW; Ilene Gale, WA6IBT; Tony Hirth, WB6QGJ; Frank Taylor, WA6VBV; Chris Baldo, WB6OGE; Betty Baldo, WB6WNZ; Don Larnach, W6SY; Anna Nicholson, WN6DDR; Jake Adams, WB6RFF; Jim Hudon, WB6NTH; Bill Read, Peter Annas, Mike Thorn, Jack and Mrs. Joyce-awaiting license from FCC, Mrs. Tony Hirth and Mrs. Steve Dodge.

All in all, this had to be one of the best Field Days ever for EBRC with record participation and attendance. Old timers and 'new timers' alike report having a good time, and after all, that's the name of the game. See you all next year!



John Wood, KF6HFA

Help Generate Good PR for Hams in Albany Ivan Sturman, WB6PIV

The City of Albany has a volunteer group, "Friends of Five Creeks", that does cleanup of the local creeks. The group will be doing this over 2 or 3 Saturdays in September. They divide into a few groups, and would like communications between the groups, and help with the cleanup if possible. Several of our members have provided this kind of support previously, and it was appreciated. Please call me at 524-9021 for details if you'd like to volunteer.

Member Passes Away

EBARC mourns the death on July 7th of long-time member Estella Dodge. She was the wife of Steve Dodge, K6ZR, who had been caring for her at home. She was one of eleven children, born in 1905 as a 2 lb. twin (her sibling didn't survive). Steve and Stella were married 31 years, but had known each other for more than 60 years. We send our best wishes to Steve and his family. Hopefully, we'll see Steve more active on the ham bands in the future.



Ginny, KF6HEX and Cheryl, KF6HEN

EBARC Roster Update

- **UPGRADE:** Jan Kuhl, KC5HHG, recently upgraded to General.
- **UPGRADE:** Peter Millar, KF6BYN upgraded his ticket to General.
- **UPGRADE:** David Brookman, KE6ZWS, upgraded to Advanced.
- **NEW YL:** Audrey Nieman, XYL of Fred, KC6VLL is a new ham with a Technician ticket. Her call sign is KF6MVH.
- **NEW ADDRESS:** Charles Fraits, K6HAR has moved. His new address is P.O. Box 25788, Los Angeles, CA 90025-0788.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Sept. 7th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primbsch at (510) 741-8227.
- Pacificon '97 will be held at the Concord Hilton, Concord CA, Oct. 17-19, 1997. For information call (510) 932-6125, e-mail to PACIFICON@designlink.com, or check the World Wide Web at <http://www.mdarc.org>.

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE



CLUB STATION W6CUS

VOLUME L NUMBER 9

SEPTEMBER 1997



EBARC Meeting

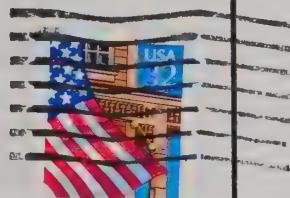
September 12, 1997
7:00 p.m.

"Ham Radio in Education"
John Poole, WD6URS,
Frank Bianchi, KE6EUA, and others



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530



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Deadline for October issue: Sep. 23

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Silent Key

Melvin T. Hurley MD, KC6FAW

by Ralph Hall, W6EFD

It is with great sorrow that we note the passing of a fellow club member and strong club supporter, Dr. Melvin T. Hurley, KC6FAW. Dr. Hurley passed away at his home August 14, 1997.

Dr. Hurley and his wife Martha, daughter of the then Governor of Oregon, were married in 1941. Mel took his medical degree at Stanford University in 1942, and went on to become a prominent Orthopedic Surgeon. Mel served in the Navy in World War II, his favored assignment being aboard the USS Bon Homme Richard aircraft carrier, serving as its Orthopedic Surgeon. After leaving the service, Mel opened his medical practice in Richmond, CA, and maintained that practice until multiple sclerosis forced his retirement in 1972.

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Mel's interest in amateur radio came after his retirement. He enrolled in a class given by EBARC in 1989 and obtained his Novice class license. After several months, he upgraded to Technician class, and later to General class. Unfortunately, his physical limitations precluded his attending as many club meetings as he would have liked to attend.

Mel, in his usual unobvious way, was a strong supporter of EBARC, both its activities and financially, the latter totaling well into the 4-digit figures. Mel co-chaired the committee responsible for constructing the club station's new VHF/UHF room, and frequently came up with ways to overcome or circumvent the many obstacles that inherently accompany a project of that magnitude. His many financial contributions include providing a substantial amount of basic construction

materials, having the access ramp and porch built and installed, having the 20 drawers built for the VHF/UHF and HF operating positions, having the porch roof built and installed, providing the outdoor light above the entrance door, having the then-existing concrete broken out by jackhammer to allow installation of the crank-up tower footing, and numerous other contributions.

For several years, Mel and Martha provided a meeting place for the EBARC Executive Committee, of which Mel was a member. Martha always provided outstanding refreshments for those meetings.

Among his many talents, Mel was an accomplished amateur photographer and especially enjoyed photographing scenic landscapes, then processing the color film and prints in his "dark room" which he maintained in his basement.

To Mel, the club members' heartfelt 73. And to Martha, our prayers and best wishes.

Treasurer's Report

August, 1997

Gordon Parsons, NU6W, Treasurer

AUGUST INCOME

New Members: KF6KWJ, K6SRZ, WA6ZTY, Kelly Cherrey	\$80.00
Family Membership: Ron Jacobs, WA6CCF and Michael Jacobs	24.00
ARRL Renewal: N6VIF	28.00
Field Day Refreshment Receipts	300.12
Coffee Kitty	9.00
Station Fund Can	17.75
Raffle ticket sales	50.00
Station fund donation	20.00
Total August Income	\$528.87

AUGUST DISBURSEMENTS

ARRL Renewal: N6VIF	\$26.00
Blown Fuse Printing	44.65
Blown Fuse Postage	37.12
City of Albany (room rental)	40.00
Refreshments (M. Millar)	21.47
ARRL Postage (R. Robinson)	3.00
Pacific Bell (July)	18.32
Electric Drill (R. Hall)	39.66
World Radio Membership	65.00
Total August Disbursements	\$295.22

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$705.15
Savings (Station Fund*)	\$1,077.35

*\$429.23 belongs to the General Fund.

Field Day and 50th Anniversary patches are for sale at \$3.50 each. Pick up some at the next meeting. Renew your ARRL membership with the Treasurer, and our club will get a \$2 commission.

Volunteers Needed for Tri-City Safety Day Greg Small, KD6SXH

The Tri-City Safety Day at El Cerrito Plaza is Saturday, September 27th. This event has demonstrations of safety and emergency equipment, systems, and organizations, including ARES/RACES (that's us). We need a volunteer to coordinate our table. In the past, we've had both HF and VHF/UHF communication demonstrations. If you would like to coordinate a table for EBARC, or just volunteer to set up and operate, please call me (w: 642-5979 h: 524-4134). In the meantime, I'll get more details from the El Cerrito Fire Department.

Club Station Report

Ralph Hall, W6EFD

The work party on August 9, 1997 was an enjoyable one. As usual, everyone seemed to be having a good time. The club station visitors log showed 19 persons attending, a record I believe.

Projects completed include securing the packet coax in the attic; painting shelves, conduit and other things; installing four tool drawers under the HF room work bench; and, when everyone was ready to leave, painting the ramp leading to the entrance door. One not-completed item was the creation of a packet keyboard-to-keyboard setup in the VHF/UHF room at operating position No. 5. More on that later.

Perhaps the highlight of the day was separating the club station from PG&E power, wheeling the club's generator outside, and connecting the club station's newly installed electrical wiring system to it. We then "fired up" some of the rigs to insure that everything worked OK, and VOILA -- it did!!!

Otherwise, the station is in good shape with all systems GO.

General Meeting Minutes

August 8, 1997

Gayle "Burgie" Jones, KE6MSF

The regular meeting of the East Bay Amateur Radio Club was called to order by our President Greg Small at 7:37 p.m. Greg stated we are in need of volunteers for Tri-City Safety Day on Saturday, September 27th.

Cheryl Johnson, KF6HEN, was interviewed by Clara Rae Genser of the Hills

Publication regarding ham radio. It was a very good article, Cheryl.

Gordy, our treasurer, gave the financial report for July.

Rich Parker stated he is in need of ham radio operators to volunteer for the American Lung Association Walkathon held in Hercules on Saturday, September 27th. In July there was an Ares/Races basic training program held at the American Red Cross with about 20 people in attendance.

Ralph, W6EFD, stated the club station is looking good.

Education Report: There will be a no-code technician class beginning the second week of September through the last week of October. The classes will be held one night a week from 7:15 p.m. to 9:15 p.m. The specifics are being worked out. If you or someone you know is interested, please contact John Wood, KF6HFA @ 234-0527.

Joe Lee says to order a name badge from him!

Ray, KF6FU, reported the results from Field Day. We received 3620 points, up quite a bit from last year.

Our Christmas party will be held at Spenger's Fish Grotto this year in Berkeley. More details to come.

Our program tonight was presented by Bob Fabry, N6EK. He presented slides of his DXpedition to Heard Island. Bob was once the 3rd Vice President of EBARC years ago. It was a very interesting program. If anyone is interested in visiting the Web site the address is: www.ccnet.com/~cordell/hi

The meeting was adjourned at 9:52 p.m.

September Program

David Brandon, KG6FR

To mark the beginning of the academic calendar, we will have panelists who have worked with kids in schools or in scouts, including John Poole, Science Specialist with the Berkeley Unified School District and Frank Bianchi, Principal of Ohlone School in Hercules. They will discuss their past experience with ham radio in education and their ideas for future activities. There is still room on the panel for Club members or others who may wish to contribute. Willingness to make a brief 3-minute statement qualifies you to be on the panel. There will hopefully be a lively discussion on this topic and how it relates to the future of amateur radio.

Based on comments at the last meeting, let's pencil in a Swap Meet for November. That gives you two months to sort through your shack.

Looking Back

Ron Smith, KE6HKQ, Historian

This is from *The Blown Fuse*, April 1973:

A Good Suggestion from Bobbie, WB6BAC: Do you announce your presence on the net like a canary, with 30 seconds or so of a beautiful aria of tweets, trills and spiraling whistles? Everyone stands by until you are completely satisfied that you are correctly tuned, then the net business goes on. We have the answer to this problem. It is a fool-proof and inexpensive dummy load that you can make at home with just a light bulb, a socket, a little wire, and a few attachments.

This is how it is done: Use a light bulb (About 200 watts) that will come up to the

peak of light with the output of your transmitter. Just screw the bulb into your extra loose light socket that you have had around for sometime with all the rest of the goodies you have accumulated but haven't used (as yet). Attach 50 or 72 ohm coax cable to the socket and the other end to your xmtr via a PL-259 connector. Connect the wire with one end to the shell connection, and the other one to the center point of the light bulb. By bringing up the bulb to its brightest, you will be tuned properly, and will not have played a concert on the air. You may give out a little signal in your immediate neighborhood, or your antenna may pick up the signal if you tune too close to your antenna, so use care. If you place a metal can with holes poked in it over the bulb, you can keep the bulb from glaring in your eyes, plus diminishing your radiation and adding shielding.

So, for a few cents you can have a first-rate dummy load, and we are sure that all hams will appreciate your consideration on the net.

Good PR for Hams in Albany

Ivan Sturman, WB6PIV

The City of Albany volunteer group, "Friends of Five Creeks", has moved its cleanup dates to October. Please call me at 524-9021 if you're interested in providing communications or helping with the cleanup. Activities include lunch.

American Lung Assn. Walkathon

Contact Rich Parker at 237-2777 or 301-8038 (beeper 202-9241), to volunteer for this event, held in Hercules on Saturday, September 27th.

No-Code Tech Class

EBARC is sponsoring classes for those who want to study for their Novice and No-code Technician tickets. Classes start the 2nd week of September and go through the last week of October. The class will probably be on Wednesday evenings 7:15 - 9:15 p.m. at the firehouse in Berkeley on Cedar between 9th and 10th. To enroll, call John Wood at 234-0527. If possible, an ARRL-VEC test session will be held on the last day of class. In any case, there will be a test session the following Sunday morning in Oakland. The self-study text is "Now You're Talking". Be sure you have the latest edition (red cover) and read the first two chapters before the first class. Each class will include a brief lecture, some demonstrations, a question answering session, and a quiz. EBARC thanks instructors Ivan Sturman, Chet Pike, John Wood, and Henry Primsch.

EBARC Roster Update

- **NEW MEMBER:** Alan Eshleman, K6SRZ, 2213 Vine St., Berkeley, 94709. Alan has an Extra class ticket and a really good CW fist (at our Field Day this year!). His e-mail address is doctore@well.com, and his phone is 540-8790. He likes DX, CW, and contesting. He'd like to know more about ARES/RACES. In real life, he's a physician and a writer. His phone is 540-8790, and his e-mail address is doctore@well.com.
- **NEW MEMBER:** Mike Fahmie, WA6ZTY, 636 Adams St., Albany, 94706. Mike has an Advanced ticket, and has been a speaker at EBARC meetings. His phone is 527-6206, his e-mail address is mpfahmie@lbl.gov, and his packet address is

wa6zty@n6eeg. He's a "techy" who likes packet, repeaters, EX-EMT, and mountaineering.

- **NEW MEMBER:** Kelly Cherrey doesn't have his call sign yet. He lives at 631 Liberty St., Apt. 4, El Cerrito, 94530. Ham interests include vintage gear, CW, and packet. His e-mail address is kcherrey@eecs.berkeley.edu, and his phone is 528-8165. He also likes bicycling and computers. He's also curious about ARRL and ARES/RACES.
- **NEW FAMILY MEMBERS:** Ron Jacobs, WA6CCF, 621 Carmel Ave., Albany, 94706 has an Advanced license. His phone is 525-0212. He's interested in 2M and 440, computer programming, and electronics. Ron's 11-year old son, Michael has also joined EBARC. He doesn't have his license yet, but he's very interested in remote control of airplanes and other vehicles via amateur radio.
- **NEW MEMBER:** Doris Todd, KF6KWJ is a retired math teacher and real estate agent, with lots of business experience. She lives at 232 Cambridge Ave., Kensington, 94708. Her phone is 526-5757. She has a Technician license and is interested in emergency preparedness.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- Foothill Flea Market, 2nd Saturday of each month from March to September at Foothill College, Los Alto. Talk-in on 145.23 PL 100 Hz.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly

scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Sept. 7th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primsch at (510) 741-8227.

- Pacificon '97 will be held at the Concord Hilton, Concord CA, Oct. 17-19, 1997. For information call (510) 932-6125, e-mail to PACIFICON@designlink.com, or check the World Wide Web at <http://www.mdarc.org>.

For Sale

- Kenwood 430 HF mobile rig with FM capability and SSB filter
- Kenwood matching speaker
- Kenwood desk microphone
- Kenwood earphones
- Kenwood SWR/Power meter
- Astron power supply
- Antenna tuner

Includes all manuals and boxes. Works great. Like new. Not banged up. \$800 (firm). Contact Joe Lee 724-0533, who says, "I just have too many of these rigs."

For Sale

- Robot 800 communications terminal with monitor for RTTY & CW, with manual. No software needed. \$55
- Heathkit VTVM. Works. \$5
- 100 Kc freq. std. with oven. Accurate. \$20
- military freq. meter, 85 to 1000 Mcs \$25
- Radio Shack Micro Color computer MC-10, with manual \$10
- Weston VOM in oak case, nice instrument \$10
- 386 Leading Edge computer with monitor and keyboard \$25

- IBM EGA color monitor \$10
- Commodore 64 with AEA PKPakrat RTTY, CW, Packet, with manuals. No software required. \$35
- Commodore VIC 20 with Air 1 for RTTY, CW, with manuals, No software required. \$25
- Miscellaneous Commodore gear; cassette recorder, disk drive, programs, books, manuals, odd keyboards for spares. \$25
- Bencher Iambic paddle with MFJ econo keyer model 401B. Like new, with manuals \$95
- Amdak 14" color composite monitor \$20
- Mini-Micro 14" EGA color monitor \$15
- AEA Pakratt 232 TNC, like new, with manuals and software \$125

Please contact Alan Craddock, WB6DXZ at 510-530-3911 if you're interested.

For Free!

- Teletype Model 50
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- Heathkit DX-35 with VFO
- Heathkit condenser checker
- Lafayette 6M transceiver
- 6M mobile antenna (3 ring type)
- ARC 5's modified (2)
- Various Teletype documents & paper

Call Bruce Wexler, K3MHD, at 724-9608 if you're interested.

Happiness is calling that rare DX CQ station for two hours using your dummy load, or driving 200 miles to a ham swap and leaving your wallet at home. ☺

[The list of officers is not being printed this month to save on printing costs. It will return next month. - Ed.]

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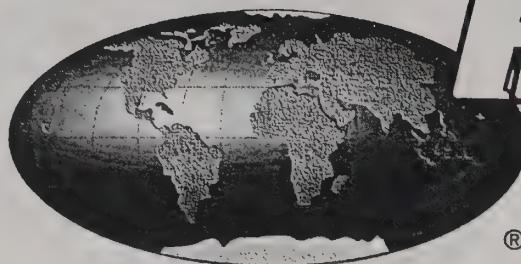
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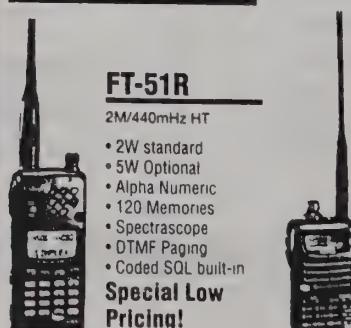
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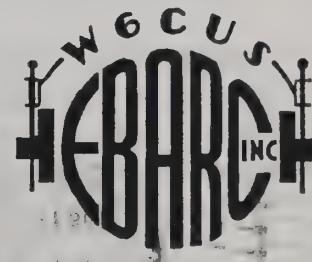
VOLUME L NUMBER 10

OCTOBER 1997

EBARC Meeting

October 10, 1997
7:00 p.m.

"Forum on Ham Radio Emergency
Communications in California"
Paul Carlin, KE6NVU and Ron Susztar, N7TVE



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany, CA

The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for November issue: Oct. 28

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President by Greg Small, KD6SXH

Hello again. Well, this year has blown right past me, like CW at a code exam. It is time again for EBARC elections. I have appointed Roger Nelums, KE6SZG, as the Nominating Committee Chair. The Nominating Committee presents a slate of officers at the October meeting. The election is held at the November meeting, at which time other nominations can also be made. The elected officers are; President, First Vice President (Program Chair), Second Vice President (Hospitality Chair), Third Vice President (Membership Chair), Treasurer, and Secretary. I will not be able to run for President again as the first half of 1998 will be a very busy time for me.

See you at the meeting.

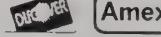
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October Program David Brandon, KG6FR

We are fortunate to have as our speakers Paul Carlin, KE6NVU, District EC for Alameda County, and Ron Suszar, N7TVE, Radio Officer for Region II, California Office of Emergency Services. They will give us an update on current coordination between the State of California and the ham community, focusing on northern California. Topics to be covered include preparations for possible El Nino-induced flooding in the Napa Valley. In planning for the meeting, our guests have emphasized that they will be looking forward to receiving our suggestions on how best to integrate the existing local ARES/RACES structures and cultures into the statewide program.

Reminder: Our November Meeting will have a swap meet as well as a number of other

items on the agenda. Please go through your shack now and prepare. Also, why don't you make sure your non-EBARC ham friends know about this event?

Treasurer's Report

September, 1997

Gordon Parsons, NU6W, Treasurer

SEPTEMBER INCOME

1998 Renewals: KD6FVI.....	\$20.00
Family Membership: KE6MSF and KE6SZG	24.00
ARRL Renewal: KD6FVI.....	34.00
ARRL Renewal: KF6HFA.....	92.00
Donation (WD6GGC).....	25.00
Check (Base Station).....	72.00
Station Fund Can.....	30.25
Coffee Kitty Can.....	7.36
Raffle ticket sales.....	53.00
Total September Income	\$357.61

SEPTEMBER DISBURSEMENTS

Blown Fuse Printing.....	\$80.97
Blown Fuse Postage.....	38.72
Refreshments (M. Millar).....	13.35
Folders (S. Watson).....	60.83
City of Albany (room rental).....	40.00
ARRL Renewal (KD6FVI/KF6HFA).....	122.00
Pacific Bell (W6CUS, August)	21.88
Total Sept. Disbursements	\$377.75

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$602.01
Savings (Station Fund*).....	\$1,160.60

*\$429.23 belongs to the General Fund.

We have begun to collect the 1998 membership dues. Regular membership is \$20 and family membership is \$24. Please plan to pay your dues on time, before December 31st. This will help the

Executive Committee to plan for next year's activities.

Remember to feed the Kitty!

1998 EBARC Membership Renewal

Name _____

Call _____

N T T+ G A E
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? Yes No
Membership Type Regular Family

Additional family member name, call, and class

Please use the lines above to tell us your ham
interests, and any non-ham skills or hobbies

A New Parker

A new person, Claire Marie Parker, arrived Tuesday, September 2nd, at 7:17 p.m., weighing in at 6 lbs. 4 oz. Congratulations to parents Rich Parker, KD6JCT, and wife Terry! Claire has already enjoyed her first ham function, the EBARC/4Cs picnic.

General Meeting Minutes

September 12, 1997

Gayle "Burgie" Jones, KE6MSF

The meeting was called to order at 7:40 p.m. by our president, Greg Small.

Gordy gave the financial report for the month of August.

Rich Parker, KD6JCT, reported volunteers are needed for Tri-City Safety Day in El Ceritto on Sept. 27th. Volunteers are also needed for the American Lung Association Walkathon to be held in Hercules on Sept. 27th. Please contact Rich if you are able to help.

Ralph, W6EFD, reported that our club station is in good health.

David Brandon introduced to us Steve Davis, who is visiting us from New Zealand. Steve gave us an overview of some of the projects he is involved with in ham radio in New Zealand. There were some flyers distributed regarding the Christmas party. If you did not receive one, not to worry. We will send them out in the Blown Fuse.

The meeting was adjourned at 9:49 p.m.

Looking Back

Ron Smith, KE6HKQ, Historian

This is from *The Blown Fuse*, July 1977:

NEW TWO METER REPEATER: Good news for you two-meter enthusiasts. A new repeater will soon be on the air in the Bay Area. The repeater is a product of the newly formed Contra Costa Communications Club of San Pablo. [historian's note: the location of the repeater for security reasons.] The repeater will

offer autopatch facilities as well as good coverage. The FCC has yet to assign the repeater a call."

From the August 1977 *Blown Fuse*:

MINIMUM AGE LOWERED: The Federal Communications Commission has, effective June 12, 1977, lowered the minimum age for volunteer examiners from 21 to 18 years. All other conditions still apply -- Worldradio"

From the October 1977 *Blown Fuse*, An excerpt from the message of President Steve Dodge, K6ZR:

"The club station approaches reality. Permission has just been granted to erect antennas at the club. A working party is planned for Saturday Oct. 1, which we realize may have come and gone before you get this issue of the BLOWN FUSE, so perhaps we will be on the air within a month."

From the November 1977 *Blown Fuse*:

FLASHLIGHT 'CW' SAVED EIGHT: after the 37-foot yacht El Arca ran aground on Round Reef off the Virgin Islands shortly after dusk September 3. With no radio, the owner-captain aimed his flashlight toward shore and blinked a distress message that was spotted by KV4FZ. Herb alerted Civil Defense, Coast Guard, and REACT who immediately mounted a successful rescue effort."

That's all for this month.

Clean a Creek in October

Ivan Sturman, WB6PIV

The City of Albany volunteer group, "Friends of Five Creeks", would like communications help for its creek cleanup on October 11th and 18th (Saturdays). Please call me at 524-9021 if you're interested in providing communications or helping with the cleanup. There will be free beverages for participants.

A Letter from Martha Hurley

Dear Friends:

On behalf of the Hurley family, I extend to you our sincere thanks for all of the many kindnesses shown to us since Mel has become a "Silent Key". He always knew that you were a fine group of people, but he would have found it hard to believe your outpouring of affection for him and concern for the rest of us. I plan to be back in the cookie-baking business for the December Board meeting at our home and hope to see many of you there.

Sincerely, Martha Hurley

For Sale

From the estate of the late Dr. Hurley, KC6FAW, his wife Martha offers the following equipment for sale:

1. One Icom IC-2410H dual band FM transceiver, three output levels each band: VHF = 5/10/45 watts; UHF = 5/10/35 watts. Owner's manual, and hand mike included. \$300
2. One Icom IC-24AT dual band (2mtrs & 440) hand-held transceiver with wall charger, one "rubber duck" antenna,

3. one "wire" antenna with center coil and owner's manual. \$190
4. One Astron RS-20M regulated power supply with schematic. \$70
5. One Trippite 13.8 volt, 7 amp regulated power supply. \$35
6. One Sony AC-320A wall charger (3V/300 mA) \$3
7. One 3 position coax switch (positions A, B, and ground). \$10
8. One straight key, lesser quality \$1
9. One straight key, better quality \$5
10. One MFJ dual-time clock (local/UTC, LED display), batteries dead, needs new ones. \$5
11. Several odd lengths of coax (RG8U type), approximately 35 to 60 feet each, in service about 4 years. Each length -- price per foot: \$0.40
12. Heathkit code practice oscillator with straight key, both mounted on a board. \$12
13. One Larsen mag mount with 2 mtr antenna. \$20

For information regarding this equipment, call John, WD6GGC at 237-1272 or Ralph, W6EFD at 232-0727.

Prices shown are firm. Purchases should be made direct from Martha, 526-2868.

"NEWSLINE"

"Newsline will air its 1000th program the week of October 12. It can be heard weekly at 147.30 MHz, on Saturdays: 12 a.m., 9 a.m., 6 p.m., 9 p.m., or on Mondays on 145.49 MHz at 7:40 p.m., 145.15 MHz at 8 p.m., or 1930 KHz SSB at 8 p.m., and finally on Wednesdays 9:30 p.m. at 3870 KHz AM." [from the Oakland ARES Newsletter, courtesy of Gerry White]

For Free

The tower and antennas below are available for free. You must take them down (very soon!) to own them, but must not step on the roof to do so. To see the tower, drive by 615 Elm St., El Cerrito, but please don't disturb the occupants. Contact Don Bishop, 483-8187 or Joe Lee, W6DOB, at 724-0533 10 - 10:30 p.m. for more information. Act quickly!

- KLM 3-element triband beam (10, 15, and 20 meters)
- 10 or 12 element 2M antenna
- 40-50 ft. Rohn tower, with rotor

Sam Speaks at Rotary Club

On Tuesday, September 23rd, Sam Watson, N6VIF, spoke for a half hour at the Albany Rotary Club luncheon. He described amateur radio and listed some famous hams (Barry Goldwater, Roy Neal, King Hussein of Jordan, most US astronauts). He described EBARC and the 4Cs and distributed EBARC and ARRL brochures. He talked about what hams do, including emergency communications, and civic service (bike rides, etc.) He also told the story of how ham radio started, and one explanation of why we are called "hams." According to Sam, about 35 people attended. He says, "Nobody went to sleep, and they fed me a good lunch." Thanks for the much needed publicity, Sam!

Send a Message through NTS

Send a message to a friend or loved one! Birthday, anniversary, or holiday greetings are especially nice. You'll help support the National Traffic System by helping the participating hams stay in practice (so they'll be prepared for the next disaster).

Joe Lee, W6DOB, will collect your messages at every EBARC meeting. Messages must be 25 words or less, must go to the United States, and must be to a location at least 50 miles away. You can even ask for a reply! You'll need to tell Joe the recipient's full name, address, zip code, and telephone number with area code.

Thanks!

EBARC thanks Mrs. Elsie Daly-Ott, of El Cerrito for donating Silent Key Dudley Ott's Heathkit equipment to the club station. Dudley, KA6ZZM, died about four years ago. He was active in SIRs as well as in amateur radio. [Thanks also to John Wood, KF6HFA, who made the arrangements.]

EBARC Roster Update

- **UPGRADE:** Congratulations to John Tim, W6QNT, who recently earned his Extra ticket.
- **UPGRADE:** Congratulations also to Kenneth Horne, KE6ZWN, who recently upgraded to Advanced.
- **PHONE / E-MAIL CHANGE:** Rich Parker, KD6JCT, has e-mail address rparker688@aol.com. His pager/ cell phone/voicemail number is 499-4557, and his FAX number 237-1446.
- **NEW VOLUNTEER EXAMINERS:** The EBARC VE team is proud to welcome new examiners Peter Millar, KF6BYN and Tom Vilaikam, AI3X.

**Sign up for the 4Cs / EBARC
Holiday dinner right away!**

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Nov 2nd. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry Primbsch at (510) 741-8227.
- Pacificon '97 will be held at the Concord Hilton, Concord CA, Oct. 17-19, 1997. For information call (510) 932-6125, e-mail to PACIFICON@designlink.com, or check the World Wide Web at <http://www.mdarc.org>.

And the Winners Are...

On Sunday, September 21st, EBARC and the 4Cs had their first joint picnic.

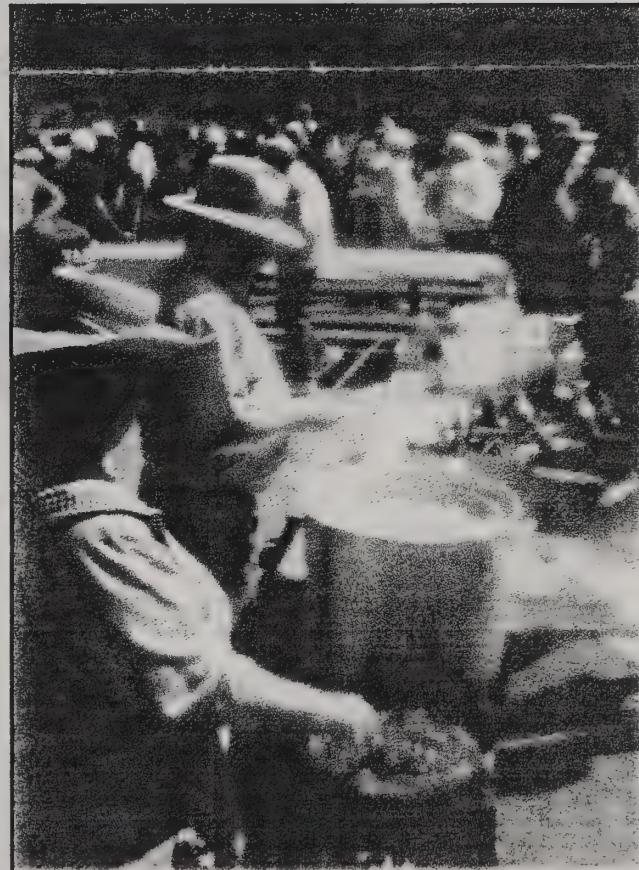
Congratulations to all from both clubs who put in so much effort to make it a success.

The winners of the T-hunt are (in order): Bill Isakson, AC6QV; Richard Fechter, AC6GQ; "Tom" Vilaikam, AI3X; Peter Millar, KF6BYN; Chris Grier, KD6IPD; and Howard Burke, KE6PTT. Many thanks to Gerry White, WB6IZE, for loaning us the "fox."

Participants in the Left Foot Morse Code contest had to send "4CS ES EBARC PICNIC." The winners were: 1st place, Henry Primbsch, KK6PH (17 seconds); 2nd place, Alan Craddock (22 seconds), WB6DXZ. Other participants were John Tim, W6QNT; Sharon Primbsch, AA6XZ; Joe Peoples, NG6C; Ron Smith, KE6HKQ;

and Ray Gillett, KF6FU. John Billiones, WD6GGC, loaned us the outsize CW key and the code oscillator.

[There was also a horseshoe contest, but the editor doesn't have a clue as to who won!]



C.C.C.C. & EBARC CHRISTMAS PARTY



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NAME

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SIRLOIN TIPS

VEAL PARMESAN

FILLET OF SOLE

SHRIMP SCATTER

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Greg Small KD6SXH, President	(h) 524-4134, (w) 642-5979
David Brandon KG6FR, 1st VP - Program Chair	845-9559
Marion Millar, KF6BYM, 2nd VP - Hospitality Chair.....	526-0856
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair...	785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary	222-3672
Rich Parker KD6JCT, ARES/RACES EC - West CoCoCo.	237-2777
Rich's beeper/phone/voicemail:.....	499-4557
Rich's FAX:	237-1446
Ralph Hall W6EFD, W6CUS trustee / Club Station Chair.....	232-0727
Henry Primbsch KK6PH, Education Chair.....	741-8227
Vern Orme AA6YE, Social Committee Chair	233-4504
Cheryl Johnson, KF6HEN, Publicity Chair.....	222-9315
Joe Lee WB6DOB, Awards Chair.....	724-0533
Ray Gillett KF6FU, Chair, Digital and RFI Committees	799-5221
Ray Gillett KF6FU (and helpers), Field Day Chair	799-5221
Ron Smith, KE6HKQ, Historian	724-5099
Fred Nieman KC6VLL, Member-at-Large	223-1748
Leo Lewis WA6ZFY, Member-at-Large	233-5034
Mel Hurley KC6FAW, Member-at-Large.....	526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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I-880 at 23rd Ave. ramp

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CLUB STATION W6CUS

VOLUME L NUMBER 11

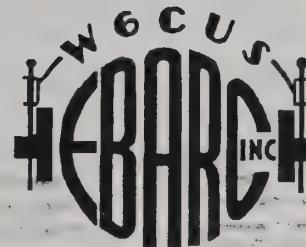
NOVEMBER 1997



EBARC Meeting

November 14, 1997
7:00 p.m.

Swap Meet
EBARC Elections



The East Bay Amateur Radio Club meets the second Friday of each month
at the Albany Senior Center, 846 Masonic Ave., (near Solano) Albany.
The Executive Board meets the first Friday of each month at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald Ave., Richmond.

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393
El Cerrito, CA 94530



FIRST CLASS MAIL



Ronald A. Smith, KE6HKQ
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primsch, AA6XZ

Deadline for December issue: Nov. 20

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Message from the President by Greg Small, KD6SXH

Hello again. The year is almost gone, and it's time again for EBARC elections. Roger Nelums, KE6SZG, is the chair of this year's Nominating Committee. At the October meeting, Roger reported that officers nominated so far are: 2nd VP (Hospitality Chair), Marion Millar, KF6BYM; 3rd VP (Membership Chair), Sharon Primsch, AA6XZ; Secretary, Gayle "Burgie" Jones, KE6MSF; and Treasurer, Gordy Parsons, NU6W. The offices of President & 1st VP (Program Chair) are open. Please contact Roger if you're interested in running for one of the EBARC offices. Nominations for all offices are also accepted from the floor before the election. Elections will happen at the November meeting, so please come and vote.

See you at the November "Swap Meet" / election meeting!

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Club Station Report Ralph Hall, W6EFD

We are pleased to have added yet another operating mode at the club station, keyboard-to-keyboard packet. This operation is separate and apart from the club's packet bulletin board operation. This prospect arose when Fred, KC6VLL mentioned that the computer recently removed from the club's packet bulletin board service contained a built-in TNC. Some late night work by Henry, KK6PH, President Greg, KD6SXH, and Sharon, AA6XZ, finally got the TNC going. They then turned the whole thing over to me to make it operational.

While it works dependably, there is still a "small bug" somewhere -- this dummy can only get it to work in the "dumb terminal" mode. To the best of my knowledge, this

precludes incoming data from being captured by a buffer for later review, editing, printing, etc. Maybe someone with more packet experience than I have will come forth with the solution.

We are deeply indebted to John, WD6GGC, for donating a 2-meter rig which will be dedicated to the keyboard-to-keyboard operation. Also, we are indebted to Ron, KE6HKQ, for the donation of a printer which will be used with that operation. The printer also has a "small bug" -- apparently, someone was printing labels and it tried to "swallow" one of them. Leo, WA6ZFV, has the printer and will try to get it to "unswallow" the label.

Otherwise, the station is in good health.

November Swap Meet! **David Brandon, KG6FR**

Our November meeting will be a swap meet. For 10% of your "take" as an EBARC donation, you can have a spot at a table to peddle your wares. Please go through your shack now and prepare. Bring cash and some way to carry your treasures home. Please invite your non-EBARC ham friends. *Important: What you don't buy or sell goes back home with you!*

General Meeting Minutes **October 10, 1997** **Gayle "Burgie" Jones, KE6MSF**

The meeting was called to order by our President, Greg Small, at 7:38 p.m.

Gordy reported on the financial report for September. Dues are also due from now until the end of the year. Get your dues

sent in to Gordy so you can get it out of the way.

Ralph stated that our club is in good health.

Henry reported that there were several students from his class attending the meeting. The class is going well.

There will be an ARRL VE test session the first Sunday of November.

Joe Lee reported badges (with your name and call sign) are on sale for \$5.00 each. So if you don't have a badge, see Joe Lee. Also, if you have any messages to be sent to Mexico for birthdays, Thanksgiving, anniversaries, Christmas, health and welfare, please see Joe Lee. He works very hard passing traffic.

We will have having a swap meet next month at our regular club meeting. The club will receive 10% of the proceeds.

Our two guest speakers were Paul Carlin, KE6NVU, and Ronald Susztar, N7TVE, who are with the Auxiliary Communications Services. They gave a real nice presentation. If you would like to see the web site, the address is: www.oes.ca.gov or www.garlic.com/oes

The meeting was adjourned at 9:30 p.m.

For Trade

Four slightly used (a few thousand miles) 155 x 15 XZ Michelin tires. If you're interested in trading some ham gear (VHF?) for these tires, contact Graeme Welch, W6GRZ, at 525-8564.

Treasurer's Report

October, 1997

Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

New Member: Paul Hsu, KF6KWH .. \$20.00
1998 Renewals: KB6WC, KF6HEI,
KD6SWU, AC6WF, WD6GGC,
KF6HEN, WB6IZE, NU6W 180.00
Family Membership: K6HAR/KI7FQ,
KF6HEX/Bud, AA6XZ/KK6PH 72.00
Raffle ticket sales 33.00
Coffee kitty 18.30
Station fund can 24.86
HRO check (paid advertising) 240.00
Total October Income \$564.16

OCTOBER DISBURSEMENTS

Blown Fuse Printing \$47.60
Blown Fuse Postage 38.73
Refreshments (M. Millar) 17.01
City of Albany (room rental) 40.00
Pacific Bell (W6CUS, September) 20.16
State of Calif (corp. filing fee) 10.00
Alan Streit (tax preparation) 100.00
Total Oct. Disbursements \$273.50

BANK OF THE WEST ACCOUNTS

Checking (General Fund) \$858.81
Savings (Station Fund*) \$1,218.46

*\$429.23 belongs to the General Fund.

Our 1997 corporation tax report has been filed. Once again, Al Streit, KG6HF, and a former member, did the professional work for us. He does good work, and his office is on Solano Ave. in Albany. Our 1998 membership dues collection is underway. Please pay your dues as soon as possible so the Executive Committee can make plans early next year.

Remember to feed the Kitty!

1998 EBARC Membership Renewal

Name

N T T+ G A E

Call

License Class (circle)

Street

City, State, Zip

Phone (include area code)

ARRL Member? Yes No
Membership Type Regular Family

Additional family member name, call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

The American Heart Walk

John Wood, KF6HFA

On a cloudless Saturday morning, September 27th, several hams provided communications support for the American Heart Walk (sponsored by The American Heart Association). It was held at Refugio Valley Park in the City of Hercules. There were about 150 participants in the walk, which was 9 a.m. until 10:30 a.m. The walk ended with a pancake breakfast. The route followed Refugio Valley Road for about 1.5 Miles, passing two rest/water stops and returning back to the starting point.

Rich, KD6JCT (communications coordinator) and John, KF6CWR shared the responsibilities of Net Control, relaying messages between the participating hams and Terry, the Walk's coordinator (via a family radio link). The participating hams were divided into four categories of responsibility. (Designations following the call signs were the tactical calls that each used.) The walkers were: Stanton, KD6SWU, Rogue-1 at the front of the walkers; Mike, KF6CDX, and Gem, KE6PEV, and Haley, Rogue-2 were in the middle; and Sharon, AA6XZ, Rogue-4 followed the last walker and provided a sweep function. The other walker was Frank Bianchi, KE6EUA, Rogue-3 and Principal of Ohlone School. Marion, KF6BYM, and her daughter, Vivian, held down Water Stop-1, while Peter, KF6BYN, was Sag-1 and Water Stop-2. John, KF6HFA was Sag-2 and Henry, KK6PH was Sag-3.

Happily, there were no incidents that required our intervention and everyone had a wonderful time walking in the sunshine and eating the pancakes. The highlight of the day was when the call went out from Net Control to find a 6 foot man wearing a Southern Pacific tee shirt and transport him to the Start/Finish area. He was quickly located and returned.

Each of us who participated know that our services were appreciated. The pleasure of practicing our hobby with our friends made this event one of the highlights of the weekend.

**Don't forget to sign up for the
ACs/EBARC Holiday Party!**

1997 Field Day Results

Ray Gillett, KF6FU

The 1997 Field Day results are finally in! (See the November QST p. 101 for details.) EBARC was about 123rd in the list of about 562 class 2A stations. That puts us in the top 20%. We had 952 total contacts, 40 participants, and a total score of 3,766 (higher than last year). "Thank you" to all of the Field Day participants and helpers. We look forward to an even bigger and better Field Day in 1998.

EBARC Roster Update

- NEW MEMBER:** EBARC welcomes Paul Y.C. Hsu, KF6KWH (license class?). He lives at 724 Windward Dr., Rodeo, 94572. His phone is 799-3071, and paulychsu@webtv.net is his e-mail address. He likes CW and phone modes, and also likes swimming.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every odd-numbered month (except holidays). The date for the next exam is Nov 2nd. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry or Sharon at (510) 741-8227.

Looking Back

Ron Smith, KE6HKQ, Historian

The following is from issues of *The Blown Fuse* originally published between January and May 1978. The first segment appears below. Others will follow in future issues as space allows. Save the Decibel Table for (below) for future reference.

DECIBEL TABLE FOR POWER AND VOLTAGE RATIOS

DB	POWER RATIO	VOLTAGE RATIO *
1.0	1.26	1.12
1.2	1.32	1.15
1.4	1.38	1.17
1.6	1.44	1.20
1.8	1.51	1.23
2.0	1.58	1.26
2.2	1.66	1.29
2.4	1.74	1.32
2.6	1.82	1.35
2.8	1.91	1.38
3.0	1.99	1.41
3.2	2.09	1.44
3.4	2.19	1.48
3.6	2.29	1.51
3.8	2.40	1.55
4.0	2.51	1.58
4.2	2.63	1.62
4.4	2.75	1.66
4.6	2.88	1.70
4.8	3.02	1.74
5.0	3.16	1.78
5.2	3.31	1.82
5.4	3.47	1.86
5.6	3.63	1.91
5.8	3.80	1.95
6.0	3.98	1.99
6.2	4.17	2.04
6.4	4.36	2.09
6.6	4.57	2.14
6.8	4.79	2.19
7.0	5.01	2.24

7.2	5.25	2.29
7.4	5.50	2.34
7.6	5.75	2.40
7.8	6.03	2.46
8.0	6.31	2.51
8.2	6.61	2.57
8.4	6.92	2.63
8.6	7.24	2.69
8.8	7.59	2.75
9.0	7.94	2.81
9.2	8.32	2.88
9.4	8.71	2.95
9.6	9.12	3.02
9.8	9.55	3.09
10.0	10.00	3.16
20.0	100.00	10.00
30.0	1,000.00	31.00
40.0	10,000.00	100.00
50.0	100,000.00	316.00

* May be used only when input and output impedances are equal.

THE DECIBEL By Herb Friedman, W2ZLF

HOW TO UNDERSTAND THE DECIBEL WITHOUT HIGHER MATH: The Decibel frightens many electronic hobbyists, who see it as something dark and mysterious. But if you can grasp Ohm's Law, you should have no trouble understanding the decibel.

In the early days of electronics the decibel was confined almost exclusively to the world of broadcast and telephone engineers. But today the concept is used just about everywhere and it's inescapable in the areas of audio, ham radio, and Citizens Band radio.

IT'S JUST A RATIO: Telephone engineers found that the human ear perceives sound-level changes on a proportional, or

logarithmic scale rather than linearly. It is on this characteristic of the ear that the concept of the decibel is based.

For example, let's say you are listening to a hi-fi system when its output power is 10 watts. Logically you'd think that boosting the output to 20 watts would make the sound twice as loud, but it wouldn't. You'd notice only a slight increase in volume. In fact, it would take nearly a ten-fold power increase for your ear to sense the volume! Going a step further, the power would have to be increased 100--from 10 to 1000 watts--for your ear to notice four times the volume. When a sound increases in intensity you receive an impression of increased loudness approximately equal to the logarithm of the ratio of the two electrical powers.

The *bel* is the name given the unit that expresses the logarithm of this ratio. In mathematical language, this is written as $\text{bel} = \log P_1/P_2$, where P_1 is the larger power and P_2 is the smaller power. In working with the formula you first divide the larger power, P_1 , by the smaller power, P_2 . The number you get is the ratio of the two. Take this number, look up its log in a table of logarithms and you'll have a reading in bels, or effective increase in loudness.

Let's try an example. Assume P_1 is 48 watts and P_2 is 6 watts. Forty-eight divided by 6 is 8, of course, and the logarithm of 8 is 0.9030. Stated another way, the ratio in bels of 48 watts to 6 watts is 0.9030. However, the bel is a fairly large unit, so the *decibel*, which is a tenth of a bel and is usually referred to by the abbreviation db, is used instead. This modifies the formula slightly, making it $\text{db} = 10 \log P_1/P_2$. Using this formula in the previous example would give an answer of 9.030 db, just ten times as great. Whether the answer represents a db loss (-db) or a db gain depends on the

circuit you are working with. We'll have more about this later.

Though the db is a *ratio* of two powers, it also can be used to express absolute power, provided we have a reference or zero-db level. (Take a look at microphone specs in an electronics catalog and you'll see the output stated as just -55db, -48 db, etc.) In the early days of radio, many different reference levels were established, and there were almost as many different meters used to indicate these levels. By 1939, audio engineers had decided to do something about the lack of standardization. They came up with what is called the VU (volume unit) meter and a standard reference level of 1 milliwatt (.001 watts) in a 600-ohm circuit.

This standard reference is referred to as 0dbm, which is another way of saying 0db is synonymous with 1 milliwatt of power output. A statement that power output is 10dbm is talking about a power 10db more than 1 milliwatt. The VU meter is calibrated so when connected to a 600-ohm circuit and when measuring sine-wave power, 0 VU corresponds to 0dbm and 3 VU corresponds to 3dbm. (The mike referred to with a -55 db output, you see, gives you a fairly weak signal.) We'll show later how greatly a 1 or 2db difference in mike output can affect amplifier power output.

The db is also used to deal with the output power of transmitters, receivers and antennas, since this power is ultimately delivered to a speaker.

You can solve most db problems without bothering with logs if you use the table shown with this article. Let's work a problem to see how it's done. One day you decide your 10-watt hi-fi amplifier can be souped up a little. You change a few tubes, alter the circuit slightly and, with the

same input as before, the amplifier now delivers 20 watts. The ratio of the power change (P_1/P_2) is 20/10 or 2. Look down the column in the table headed "Power Ratio" until you reach 1.99 (this is close enough to 2 for our purposes). In the left column you see 3db. Therefore, the increase in output power from 10 to 20 watts amounts to a 3 db improvement. If you had started with a 20-watt amplifier and reduced the output to 10 watts, the power ratio would still be 2, but the now the 3db change represents a loss. It would be expressed as -3db.

Let's try a more difficult problem. Assume you are using a public address amplifier that is capable of delivering 25 watts of power. Your microphone, which has a -57db output level reference to 1 mw, drives the amplifier to only 10 watts output when the gain control is set to maximum. You decide to purchase a new microphone. What should its output be to get the amplifier to deliver a full 25 watts? First, we find the ratio of the power we want to the power we're getting, which is 25 watts/10 watts, or 2.5. From the table we find that a power ratio of 2.5 equals 4db. Therefore, we need a microphone with an output 4db greater than -57db. The final answer, of course, is a microphone with an output of -53db (subtracting 4db from -57db.)

At this point you may wonder about intermediate values above 10db. In the table the values after 10db are 20, 30, 40, 50, etc. How do you determine the power ratio of 16db? It's simple. Split 16db into 10db and 6db, find the corresponding power ratios, and then multiply.

Now let's determine the *db gain* of (two) amplifiers. But first, another important rule is that logarithms are added, not multiplied. A power gain of 4 equals a power ratio of 4

which, from the table equals 6db. A power *gain* of 10 equals a power *ratio* of 10, which equals 10db. By adding the logs, the total db gain is 6db+10db, or 16db. To do it another way, try splitting 16db into 8db and 8db. The power ratio corresponding to 8db is 6.31. So $6.31 \times 6.31 = 40$.

To work the other way, that is, to go from power ratio (gain) to db, divide the ratio into convenient units. A power gain of 40 equals 8×5 . Under the column headed "Power Ratio" in the table, note that a power ratio of 7.94 (sufficiently close to 8) equals 9db. A ratio of 5.01 (close to 5) equals 7db. Adding 7db and 9db we get 16db.

[To be continued...]

4Cs / EBARC Holiday Party

When: December 14th
Time: 5:30 p.m. to ??
Where: Spenger's, 1919 4th St., Berkeley
Cost: \$20 per person
What: FOOD, FUN, PRIZES,
FELLOWSHIP

Fill out the form below, make your check payable to "CCCC Christmas Fund" and mail the form and your check to:

c/o Ray Gillett, KF6FU
229 Iris Road
Hercules, CA 94547-1214

Name.....

Number of Persons.....

ENTREES (include number of each)

1/2 Baked Chicken

Sirloin Tips

Veal Parmesan

Filet of Sole

Shrimp Scatter

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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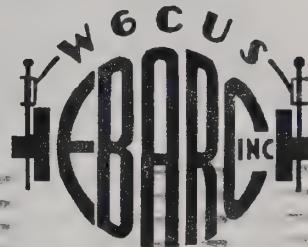
VOLUME L NUMBER 12

DECEMBER 1997



EBARC 4Cs Party

December 14, 1997
5:30 p.m.
(advance signup required)
Fun, Food, Goodies,
Camaraderie, Prizes
1998 Officer Installation



There will be no regular EBARC meeting this month.
The Executive Board will meet December 5th at 7:30 p.m. at the home
of Martha Hurley, 137 Purdue Ave., Kensington

THE EAST BAY AMATEUR RADIO CLUB, INC.

Post Office Box 1393

El Cerrito, CA 94530



FIRST CLASS MAIL



Alan Eshleman, K6SRZ
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Address Correction Requested

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for January issue: Dec. 18

[Articles can be submitted by mail, via the W6CUS packet bulletin board's AA6XZ mailbox, by dialing in to the editor's computer, by dictation over the 'phone, or by e-mail to aa6xz@juno.com.]

Hams in Education

EBARC's own intrepid Sam Watson, N6VIF, and Ivan Sturman, WB6PIV, have done it again. On Thursday, November 13th, Sam (at Ohlone School in Hercules) and Ivan (at Kensington School) helped students in their "Third Party Communication Via Amateur Radio" exercise. In addition to learning about ham radio, students also learned some geography (Hercules to Kensington) and courtesy (only one person can speak on the radio at a time). Other EBARC members who helped were Ken Horne, KE6ZWN, and Ron Meader, KF6OGA. Thanks for helping our kids!

Correction to October, 1997 Treasurer's Report: Family Membership K6HAR/KI7FQ should have been reported as KE6MRH/KI7FQ

General Meeting Minutes November 14, 1997 Gayle "Burgie" Jones, KE6MSF

Greg, KD6SXH, opened the meeting at 7:40 p.m.

Gordy gave his treasurer report for October 1997.

Henry reported we have seven new licensees from the recent Novice/Tech class. There will be a code class beginning in January. It will end just before the test session in March 1998.

Joe Lee asks if anyone has a message to send via the NTS system, please let him know.

We had a swap meet at the Albany Senior Center during our club meeting. We had a great turnout.

The EBARC officers for the new year, 1998, were elected as follows:
President - Roger Nelums, KE6SZG
First VP - John Wood, KF6FHA
Second VP - Marion Millar, KF6BYM
Third VP - Sharon Primbsch, AA6XZ
Treasurer - Gordon Parsons, NU6W
Secretary - Gayle "Burgie" Jones, KE6MSF
Congratulations to all!!!!!!

EBARC earned \$160 thanks to the XYL of the silent key who donated materials (via John Wood) to the November swap meet. John Wood himself donated an antenna whose \$5 proceeds also "fed the kitty". John Billones, WD6GGC, donated a TS520S, an HW8 rig, and a second HW8 QRP complete station. These items sold for \$370 for EBARC's coffers. Thanks to all of you from all of us!

Boy Scout Walk-a-Thon

John Wood, KF6HFA

It was a dark day in the early morning of October 25 when a small group of local hams congregated at Camp Herms in Kensington to provide communications support for the second 20 mile Boy Scout Walk-a-Thon of the year. What we didn't count on was the wind.

As usual, the amateurs were organized by Rich, KD6JCT, who assumed the role of Net Control. Soon the initial assignments were made and each of us went off to assume our positions. Each of us signed in with Net Control upon reaching our assigned places. Most of us had two assignments because there were not enough hams to cover the entire hike. The assignments were as follows:

KF6HFA, John W., Rest stop 3, Rest stop 9
KF6CWR, John R., Rest stop 5, Sweep 2
N6HPX, Larry, Rest Stop 12, 7
KD6SWU, Stanton, Rest Stop 3, Sweep 1
KF6BYM, Marion, Rest Stop 8a,
KF6BYN, Peter, Rest Stop 8
KF6HEN, Cherryl, Rest Stop 8a
KD6JCT, Rich, Net Control

The rest stops were not real rest stops because no one stopped there. Each Scout carried his own water and snacks so that all the hams needed to do was to check off the troop number and the body count each time a troupe came by.

The hams operating as Sweep actually walked the trail along with the Scouts. Stanton did yeoman duty in that he walked the entire 20 miles. Thanks for the effort, Stanton.

Rest Stop 9 was the highlight of the day because that is where the Scout Leaders and spouses cooked lunch. We had

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hamburgers and hotdogs along with the usual "fixins".

The entire group, including the hams and the Scouts want to thank the 4Cs radio club for the use of their 511 repeater which was in service for this function from about 7:30 a.m. until 6:30 p.m.

Scout troops that participated were #450, #103, #380 and #674. There were a total of 29 walkers, not including the hams.

As usual, there were no major incidents except for one troupe that took a wrong turn and were "lost" for about 2 hours. The leaders at Rest Stop 9 were a bit concerned but no one panicked. When they eventually showed up at a rest stop and the message got back, everyone was relieved.

All in all, it was a good time for all getting out into the fresh air, and enjoying the sunshine and the wind which was gusting at about 40 mph at times. More than once we had to chase our writing paper and other small items across the ground.

If anyone who has not participated in this type of event and would like to join us next time, be sure to contact Rich, KD6JCT and let him know. All you need is a valid license and an HT and the willingness to spend the time for a good cause. It also helps practice for the time when we all will be needed to support each other when the "big one" hits.

RACES / SEMS Training

John Wood, KF6HFA

On Saturday, November 15th, a group of hams went to Martinez to participate in the SEMS (Standardized Emergency Management System) training that is part of the training provided by the Contra Costa County RACES group. SEMS is described as a tool to aid in maintaining and controlling the chaos that attends a disaster event. It is used to organize the resources that are needed to help the folks that have been injured or the property that has been destroyed during some sort of natural or man-made disaster. Furthermore, SEMS is mandated by the State of California to be used in all disasters. Being trained in its use helps everyone who responds to an emergency to be just a bit better prepared.

We spent about five hours being trained by Barbara Cimino, the Emergency Planner for Contra Costa County, and Clifford J. Warrick, N6DLA, OES Coordinator for the Solano County Sheriff's Office.

Of the 50+ attendees, West County was well represented including: Rich, KD6JCT; Robby, N6MNL; Henry, KK6PH; Sharon, AA6XZ; John, KF6HFA; Larry, N6HPX; Stanton, KD6SWU; Joe, W6DOB; Leo, WA6ZVF; Rachel, KB6LHR; Ginny, KF6HEX; Peter, KF6BYN; Marion, KF6BYM; Harry, WA6TNI; and Cheryl, KF6HEN. (This account being done from memory, I'm sure that I have forgotten someone who was there, so please forgive any oversight!)

Looking Back

Ron Smith, KE6HKQ, Historian

The following is from issues of The Blown Fuse originally published between January and May 1978. The first segment appeared last month. This is the final segment. See the Decibel Table from last month's article for reference.

THE DECIBEL
By Herb Friedman, W2ZLF

THE VOLTAGE RATIO

Instead of power, you can use voltages and the VOLTAGE RATIO column when determining ratios. However, the input and output impedances of the equipment you're checking MUST BE THE SAME. Now, notice in the table that 3db represents a POWER ratio of 1.99 but that 6db represents a VOLTAGE ratio of 1.99. We won't go into the math required to explain this but, when dealing with voltage or current, our early formula becomes $db=20\log E1/E2$, where E1 is the larger voltage and E2 is the smaller voltage.

MICROPHONES

If everything in electronics were rated in db with the same reference level, db problems

would not be difficult. As a general rule, most equipment IS rated in terms of the dbm reference level. The problem-children, however, are microphones, since their outputs may refer to different reference levels.

Some microphone output ratings are given in reference to 1 mw (0dbm). Some are rated in dbv (1 volt), and some are in reference to 1 millivolt. Some, judging from performance, have heaven-knows-what for a reference level. But, regardless of the reference level, the important thing to bear in mind is that since the db is just a ratio, it doesn't matter what reference is used as long as you consistently use the same one. If a microphone with a -57dbm rating driving an amplifier's output to 1 watt is replaced with another microphone with a -54dbm output level (a 3db difference or a power ratio of 2), the amplifier will now deliver 2 watts.

If a microphone having a -60dbv rating driving an amplifier to 10 watts is replaced with a microphone having a -57dbv rating (again a 3db difference), other words, the power ratio always will be the same, regardless of the reference used, so long as both microphones have the SAME reference.

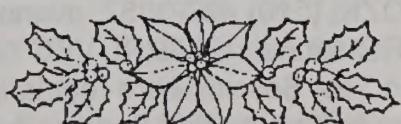
AMATEUR RADIO

Most newcomers to amateur radio say the more power the better--if 100 watts output is good, 1 kilowatt is likely to be ten times better. This is not always true. For example, let's say the station you're listening to is running a "full gallon" (1 kilowatt) and you read him at 20db over S-9. (The S-meter reflects power, and each S unit nominally equals 6 db.) In the table you find that 20db is equivalent to a power ratio of 100. Now, by dividing the original 1,000 watts by 100 you get 10 watts. Tell

the other station to cut back his power to 10 watts. You will now receive him at S-9, still a powerful signal, with a considerable saving in power and tube life. That extra 20db was being wasted.

EBARC Roster Update

- **NEW MEMBER:** EBARC welcomes Marjorie Wood, KF6OGC. "Midge" just earned her Technician license. She's John Wood's YL, and she also lives at 5948 Fern St., El Cerrito, 94530. Her phone is 234-8919. She's interested in emergency preparedness.
- **NEW MEMBER:** Eldon A. Wolf, KF6JRO, has a Tech Plus license. He likes learning more about ham radio and about ARES/RACES. His other hobbies are video and photography. He lives at 1006 Peralta Ave, Albany, 94706. His e-mail address is evw777@aol.com and his phone is 524-9653.
- **NEW MEMBER:** R. N. "Kip" Meader, KF6OGA, recently earned his Technician ticket. He's interested in emergency communications. He lives at 11 Westminster Ave., Kensington, 94708, and his phone is 526-1083.
- **NEW MEMBER:** Teresa Millar, daughter of Marion and Peter Millar, just earned her Tech license. Her call sign is KF60FZ.
- **UPGRADE:** Janice Kuhl, formerly KC5HHG, recently upgraded to Advanced and changed her call sign to KM5MD. Congratulations Jan!
- **UPGRADE:** Jim Kuhl, KC5IDS, now has his General license. Congrats Jim!



DEC. 4TH IS THE LAST DAY TO SIGN UP FOR THE 4Cs & EBARC HOLIDAY PARTY!

There will be no regular EBARC meeting in December. Instead, 1998 officers will be installed at the Holiday Party on December 14th. Be sure to come!

When: December 14th
Time: 5:30 p.m. to ??
Where: Spenger's, 1919 4th St., Berkeley
Cost: \$20 per person
What: FOOD, FUN, PRIZES,
FELLOWSHIP

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Name _____
Number of Persons

ENTREES (include number of each)
1/2 Baked Chicken.....
Sirloin Tips.....
Veal Parmesan

Filet of Sole.....
Shrimp Scatter.....

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. For more info, call Noel, KC6QZK, (510) 447-3857, evenings.
- EBARC-sponsored ARRL VEC Amateur Radio Test Sessions are regularly scheduled on the first Sunday in every

odd-numbered month (except holidays). The date for the next exam is Jan. 4th. There is a new Novice/Technician question pool for tests given on or after July 1, 1997. For more info, contact Henry or Sharon at (510) 741-8227.

Renew Now! Avoid the dreaded "PAST DUE" stamp on your February *Blown Fuse*!

This is a good time to check your 1997 roster to be sure information about you is correct. If it's incorrect and there hasn't been an update for you published in the *Blown Fuse* this year, please call Sharon at 741-8227 with the correct information.

1998 EBARC Membership Renewal

Name _____
Call _____ N T T+ G A E
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

ARRL Member? Yes No
Membership Type Regular Family

Additional family member name, call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

The East Bay Amateur Radio Club, Inc., founded in 1947, is a California non-profit corporation comprised of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$20 for individual membership and \$24 for a family membership. For information, call (510) 233-7509, contact any EBARC official, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at the Richmond Red Cross. The packet station, W6CUS-1, is on 145.790 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

1997 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Marion Millar, KF6BYM, 2nd VP - Hospitality Chair	526-0856
Sharon Primbsch, 3rd VP - Membership / Blown Fuse Editor	741-8227
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Gayle "Burgie" Jones, KE6MSF, Secretary	222-3672
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Rich's beeper:	873-7363
Rich's cell phone:	499-4557
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Ron Smith, KE6HKQ, Historian	724-5099
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Leo Lewis WA6ZFV, Member-at-Large	233-5034
Mel Hurley KC6FAW, Member-at-Large	526-2868

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
EBARC Slow CW Net	Weds	2030	21.115
EBARC SSB Net	Weds	2100	28.395
No. Calif. VHF National Traffic System Net	Daily	2030	145.210
Women's Amateur Roundtable	Weds	2000 (PL 82.5)	145.110
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
" " " " "	"	"	147.57s
Northern Alameda County ARES Net	Thurs	1915	147.48s
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Elmers Net	Thurs	2000 (PL 82.5)	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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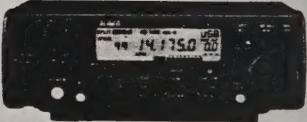
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